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REPORT NO. RD-TR-65-6

TABULATED STABILITY DATA FOR A SERIES OF
RING TAIL BODY CONFIGURATIONS AT MACH
NUMBERS FROM 0.8 TO 4.5

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by

Donald V. Rubin

April 1965



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15 April 1965

REPORT NO. RD-TR-65-6

**TABULATED STABILITY DATA FOR A SERIES OF
RING TAIL BODY CONFIGURATIONS AT MACH
NUMBERS FROM 0.3 TO 4.5**

by
Donald V. Rubin

DA Project No. 1S222901A206
AMC Management Structure Code No. 5221.11.148

**Aerodynamics Branch
Advanced Systems Laboratory
Directorate of Research and Development
U. S. Army Missile Command
Redstone Arsenal, Alabama**

ABSTRACT

The static stability characteristics of ring tails on a body of revolution has been investigated during a series of wind tunnel tests. Mach numbers varied from 0.8 to 4.5, and ring diameters varied from 1.25 to 2.50 calibers. This report presents a tabulation of the basic results obtained from the tests.

SYMBOLS AND MODEL NOMENCLATURE

CAB	Base Axial-Force Coefficient, $\frac{\text{Base Axial Force}}{qS}$
CAF	Forebody Axial Force Coefficient, $\frac{\text{Forebody Axial Force}}{qS}$
CM	Pitching Moment Coefficient, $\frac{\text{Pitch Moment About Nose}}{qS, D_b}$
CN	Normal Force Coefficient, $\frac{\text{Normal Force}}{qS}$
D_b	Reference diameter-body maximum diameter
M	Mach number
Q	Dynamic pressure, psi
RN	Reynolds number per in. $\times 10^{-6}$
S	Reference area, $\frac{D_b^2}{4}$
ALP	Angle of attack
B	Body
T	Ring Tail Configuration
X	Ring Tail Position, where: X1 - Ring trailing edge 0.5 caliber forward of model base X2 - Ring trailing edge at the model base X3 - Ring trailing edge 0.5 caliber aft of model base X4 - Ring trailing edge 0.9 caliber aft of model base X5 - Ring trailing edge 0.25 caliber aft of model base.

1. Introduction

The Aerodynamic Branch of the Advanced Systems Laboratory is currently engaged in a supporting research program that primarily involves base drag reduction.* One promising method of base drag reduction is by the favorable interference induced by a ring tail. However, before investigating the effect of ring tails on base drag, it should first be determined if any undesirable stability characteristics are present.

A preliminary wind tunnel investigation was made to explore the force and moment characteristics of a systematic series of ring tail-body combinations. The purpose of this report is to present the experimental results obtained at Mach numbers from 0.8 to 4.5 and through an angle-of-attack range that varied from -4 degrees to 6 degrees.

Analysis of these results is in preparation.^{1, 2}

2. Apparatus and Procedure

The transonic portion of the tests was conducted in the Aerodynamic Wind Tunnel, Transonic (T1) of the Propulsion Wind Tunnel Facility, Arnold Engineering Development Center (AEDC), Arnold Air Force Station. The supersonic portion of these tests was conducted in Supersonic Wind Tunnel No. 1, Ballistic Research Laboratories (BRL), Aberdeen Proving Ground, Maryland.

The Transonic (T1) facility is an open-circuit, continuous-flow wind tunnel capable of operation at Mach numbers from 0.5 to 1.5. The test section is 12 inches square by 37.5 inches long and has four parallel perforated walls.³

*This program is being conducted as a part of SR-Project, Base Drag Reduction, Code 5210.11.148.

¹ Paul R. Connolly, "The Zero-Lift Foredrag and Body Base Drag Coefficients of a Series of Ring Tail-Struct-Body Configurations at Mach Numbers from 0.8 to 4.5." Army Missile Command RF-TR-65-8.

² Charles E. Brazzell, "Longitudinal Stability Characteristics of a Series of Ring Tails on Bodies of Revolution at Mach Numbers From 0.8 to 4.5." Army Missile Command RF-TR-65-7.

³ Arnold Engineering Development Center, Propulsion Wind Tunnel Facility, Vol. 3, July 1963, Test Facilities Handbook.

The Supersonic Wind Tunnel No. 1 is a closed-circuit, continuous-flow, variable-density facility with a flexible nozzle for obtaining a Mach number range of from 1.5 to 5.0. The test section is 13 inches wide by 15 inches high.⁴

The same model was tested at AEDC and at BRL. The model was constructed so that components could be interchanged to test various body and ring tail combinations. The test bodies were 1.15 inches in diameter with a 4-caliber ogive nose and a total length of 10 calibers (Figure 1). Ring tails are attached to the bodies with either the four round support posts (Figure 2) or with the four faired support fins (Figure 3).

Five wind tunnel test programs were conducted. Table 1 lists these programs and shows when and where each body tail configuration was tested. (Body B1 data from these five separate tests are shown in Table 3.) The body and total configuration data may be matched by referring to Table 1.

The model was sting mounted in the test section on a six-component internal strain gage balance. Base pressure measurements were obtained from a pressure transducer connected to two pressure orifices located in the plane of the body base. The angle of attack range was generally from -4 degrees to 6 degrees, and the Mach number range for the combined tests extended from 0.8 to 4.5.

The calculated inaccuracies in the test data which take into account the accuracy in the balance measurements and the tunnel test conditions are as follows:

AEDC Transonic (T1)

M_{∞}	CN	CM	CAB	CAF
0.8	±0.01	±0.026	±0.008	±0.012
1.0	±0.008	±0.022	±0.006	±0.010
1.5	±0.007	±0.017	±0.005	±0.008

⁴ J. C. McMullen, Ballistic Research Laboratories, Wind Tunnel Testing Facilities at the Ballistic Research Laboratories, July 1960.

BRL Supersonic Wind Tunnel No. 1

M_{∞}	CN	CM	CAB	CAF
1.75	± 0.008	± 0.024	± 0.005	± 0.005
3.0	± 0.008	± 0.021	± 0.004	± 0.004
4.5	± 0.009	± 0.017	± 0.005	± 0.005

Configuration T13R has the same dimensions as T13 except the ring has been reversed to give internal compression instead of expansion.

3. Results

An index of the tabulated data is shown in Table 2. The aerodynamic coefficients for the various configurations are presented in tabulated form in Tables 3 through 54.

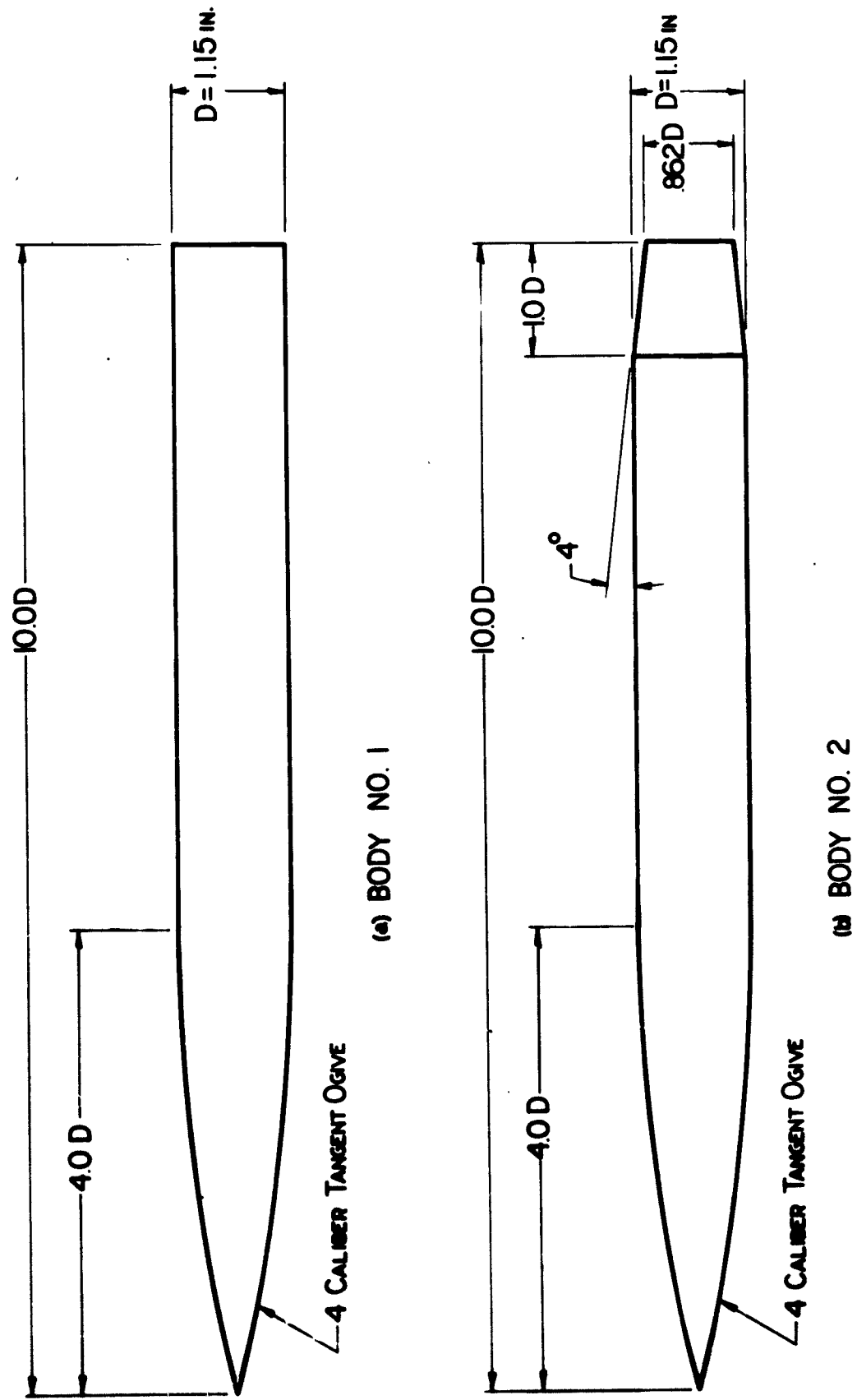
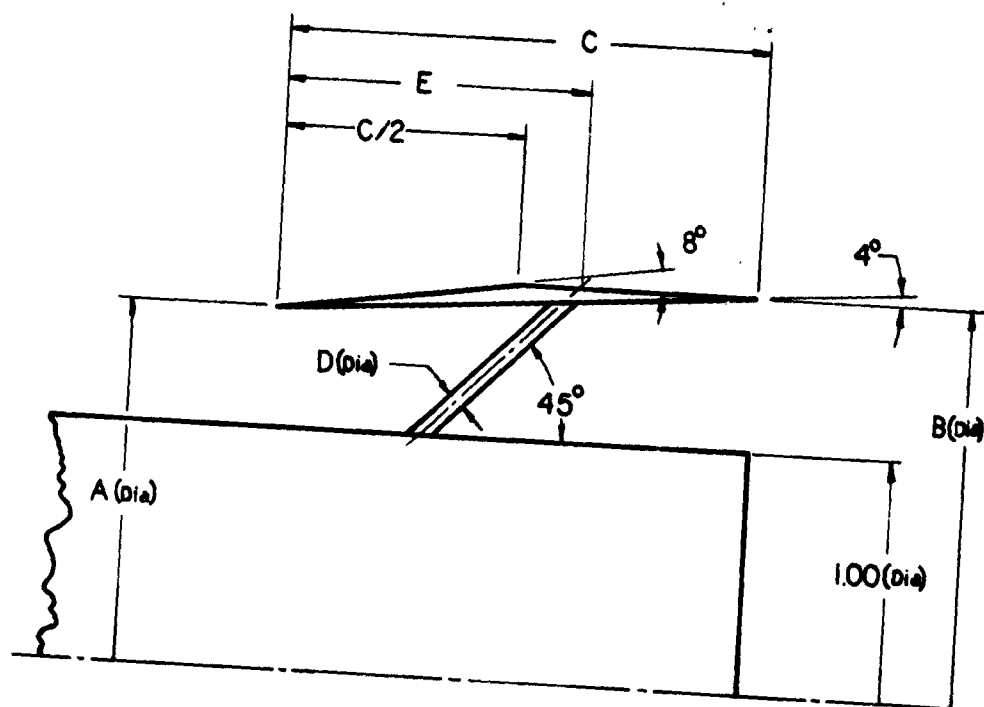


Figure 1. Body Configuration

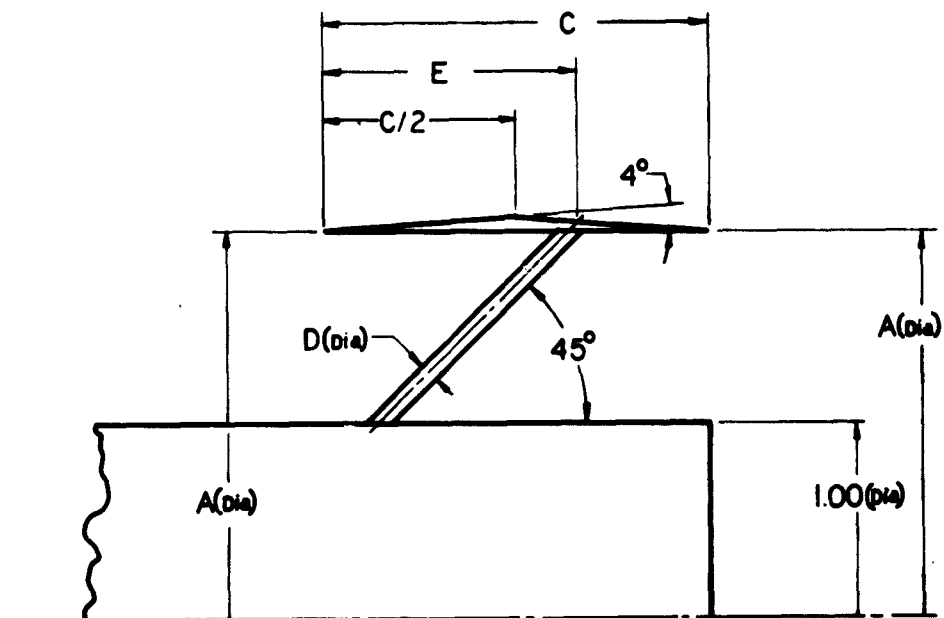


<u>RING</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
T 1	1.500	1.605	.750	.046	.375
T 2	1.500	1.657	1.125	.052	.563
T 3	2.000	2.210	1.500	.080	.750
T 4	2.000	2.140	1.000	.070	.500
T 5	2.000	2.080	.600	.060	.300
T 10	2.500	2.675	1.250	.092	.625
T 11	2.500	2.605	.750	.080	.375
T 12	1.250	1.425	1.250	.048	.782
T 13	1.250	1.381	.937	.048	.623

(a) 4° INTERNAL EXPANSION

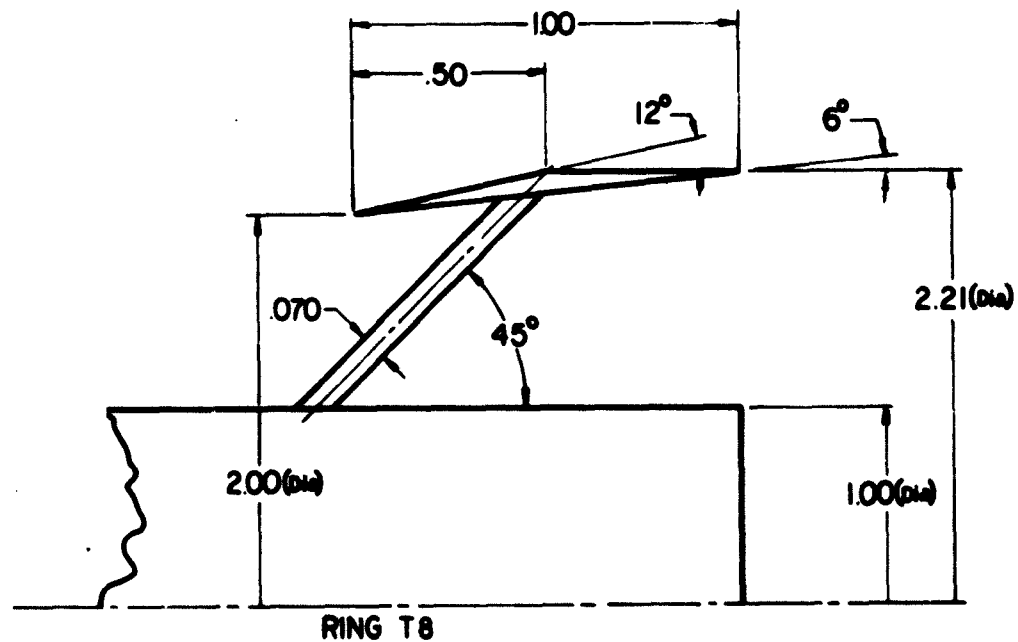
ALL DIMENSIONS IN CALIBERS

Figure 2. Ring Configurations (All Dimensions in Calibers)



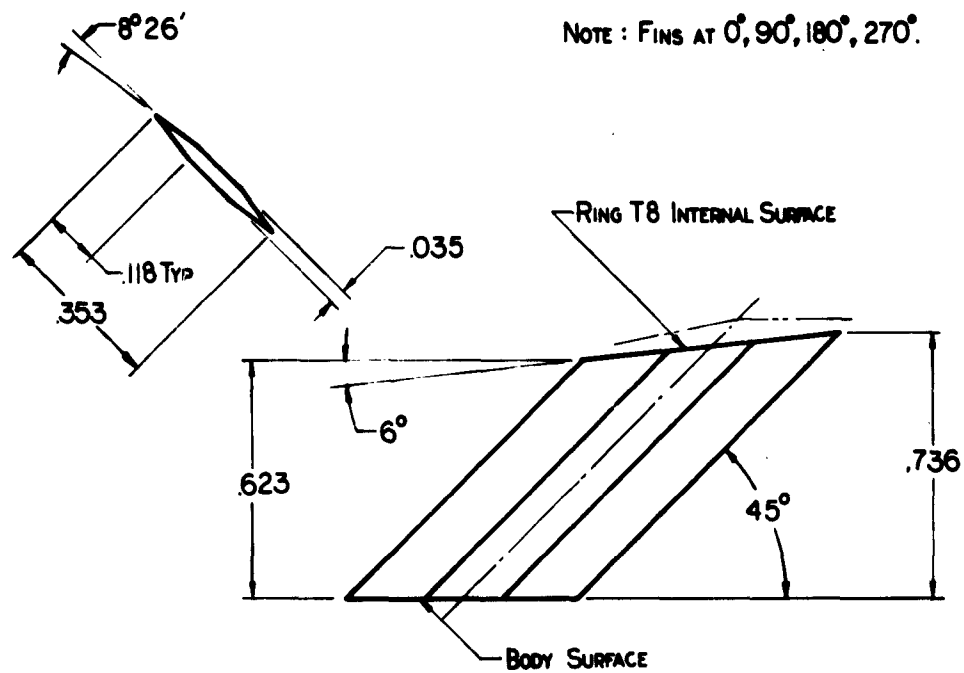
<u>RING</u>	<u>A</u>	<u>C</u>	<u>D</u>	<u>E</u>
T 7	2.000	1.000	.070	500
T 14	1.316	.937	.048	612

(b) 0° INTERNAL EXPANSION

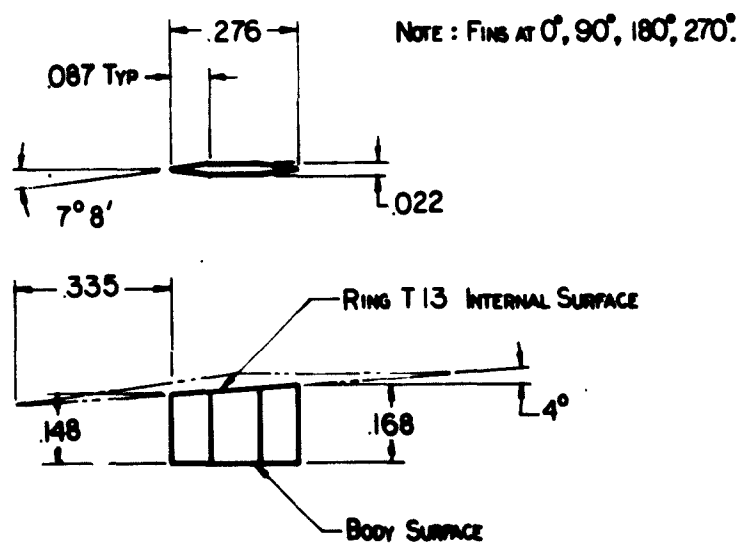


(c) 6° INTERNAL EXPANSION

Figure 2. (Concluded)



(A) FIN NO. 8S



(B) FIN NO. 13S

ALL DIMENSIONS IN CALIBERS

Figure 3. Support Fin Configurations (All Dimensions in Calibers) 7

Table 1. Wind Tunnel Test Program

Config.	AEDC									BRL						
	0.80	0.90	0.95	1.00	1.05	1.10	1.20	1.30	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50
B1	2, 3, 5	2, 3, 5	2	2, 3, 5	2	2, 3, 5	2	2, 3, 5	2, 3, 5	1, 4	1, 4	1, 4	1, 4		1	1
B2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
BIT1X1	2	2	2	2	2	2	2	2	2	1	1	1	1		1	1
X2	2	2	2	2	2		2	2	2	1	1	1	1		1	1
X3	2	2	2	2	2		2	2	2	1	1	1	1		1	1
BIT2X1	3	3	3	3	3	3		3	3	1	1	1	1		1	1
X2	3	3	3	3	3	3		3	3	1	1	1	1		1	1
X3	3	3	3	3	3	3		3	3	1	1	1	1		1	1
BIT3X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X3	5	5	5	5	5	5		5	5	1	1	1	1		1	1
BIT4X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X3	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X4	2	2	2	2	2	2	2	5	5	4		4	4			
B2T4X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X3	5	5	5	5	5	5		5	5	1	1	1	1		1	1
BIT5X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X3	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
BIT7X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X3	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X4	2	2	2	2	2	2	2	5	5	4		4	4			
BIT8X1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
BIT8SX1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
BIT10X1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
BIT11X1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
BIT12X1	5	5	5	5	5	5		5	5	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	5	5	5	5	5	5		5	5	4	4	4	4			
BIT13X1	3	3	3	3	3	3		3	3	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	3	3	3	3	3	3		3	3	4	4	4	4			
BIT13SX1	3	3	3	3	3	3		3	3	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	3	3	3	3	3	3		5	5	4	4	4	4			
BIT13RX1	3	3	3	3	3	3		3	3	4	4					
X2	3	3	3	3	3	3		3	3	4	4					
X5	3	3	3	3	3	3		3	3	4	4	4	4			
BIT14X1	3	3	3	3	3	3		3	3	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	3	3	3	3	3	3		3	3	4	4	4	4			

TEST NUMBERS:

1. BRL-1838; 13-23 May 1963
2. AEDC-TM173; 19-22 November 1963
3. AEDC-TM193; 11 September 1964
4. BRL-901; 1-11 September 1964
5. AEDC-TM193; 21 September - 6 October 1964

Table 2. Index of Tabulated Data

Table Number	Config. Number	Table Number	Config. Number	Table Number	Config. Number
3	B1	21	B1T5X1	39	B1T11X3
4	B2	22	B1T5X2	40	B1T12X1
5	B1T1X1	23	B1T5X3	41	B1T12X2
6	B1T1X2	24	B1T7X1	42	B1T12X5
7	B1T1X3	25	B1T7X2	43	B1T13X1
8	B1T2X1	26	B1T7X3	44	B1T13X2
9	B1T2X2	27	B1T7X4	45	B1T13X5
10	B1T2X3	28	B1T8X1	46	B1T13RX1
11	B1T3X1	29	B1T8X2	47	B1T13RX2
12	B1T3X2	30	B1T8X3	48	B1T13RX5
13	B1T3X3	31	B1T8SX1	49	B1T13SX1
14	B1T4X1	32	B1T8SX2	50	B1T13SX2
15	B1T4X2	33	B1T8SX3	51	B1T13SX5
16	B1T4X3	34	B1T10X1	52	B1T14X1
17	B1T4X4	35	B1T10X2	53	B1T14X2
18	B2T4X1	36	B1T10X3	54	B1T14X5
19	B2T4X2	37	B1T11X1		
20	B2T4X3	38	B1T11X2		

Table 3. Aerodynamic Coefficients for Configuration B1

M = .80 Q = 5.700 RN = .3810												M = 1.00 Q = 7.090 RN = .4190												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.21	-166	.400	.161	.124	-4.24	-169	.501	.168	.110	-4.26	-177	.551	.178	.119	-4.27	-182	.603	.220	.114	-4.27	-182	.603	.220	.114
-3.15	-119	.315	.177	.125	-3.17	-125	.395	.183	.112	-3.19	-129	.354	.169	.119	-3.20	-134	.439	.210	.117	-3.20	-134	.439	.210	.117
-2.10	-75	.205	.166	.118	-2.11	-77	.208	.153	.112	-2.12	-82	.251	.162	.124	-2.12	-83	.273	.205	.115	-2.12	-83	.273	.205	.115
-1.05	-312	.080	.166	.118	-1.05	-312	.080	.166	.118	-1.05	-312	.080	.166	.118	-1.06	-308	.125	.202	.108	-1.06	-308	.125	.202	.108
.01	.013	-.029	.165	.117	.02	.017	-.086	.148	.109	.02	.013	-.060	.157	.120	.01	.011	-.029	.197	.115	.01	.011	-.029	.197	.115
1.07	.061	-.229	.165	.117	1.08	.063	-.231	.150	.111	1.08	.055	-.197	.158	.119	1.06	.110	-.395	.207	.112	1.06	.110	-.395	.207	.112
2.12	.105	-.363	.170	.116	2.14	.109	-.373	.153	.110	2.15	.108	-.355	.176	.116	2.16	.119	-.558	.219	.106	2.16	.119	-.558	.219	.106
3.18	.154	-.508	.171	.119	3.21	.159	-.537	.159	.111	3.22	.158	-.525	.176	.116	3.23	.159	-.746	.235	.101	3.23	.159	-.746	.235	.101
4.24	.202	-.666	.178	.113	4.26	.207	-.704	.182	.110	4.27	.207	-.704	.182	.110	4.27	.207	-.704	.182	.110	4.27	.207	-.704	.182	.110
5.36	.307	-1.035	.199	.116	5.42	.319	-1.121	.200	.109	5.44	.323	-1.156	.214	.102	5.44	.323	-1.156	.214	.102	5.44	.323	-1.156	.214	.102
.01	.015	-.088	.164	.116	.02	.017	-.087	.149	.110	.02	.014	-.063	.155	.118	.01	.012	-.055	.204	.109	.01	.012	-.055	.204	.109
M = 1.05 Q = 7.400 RN = .4220												M = 1.30 Q = 8.400 RN = .4160												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.24	-191	.656	.235	.142	-4.26	-192	.669	.238	.150	-4.31	-186	.597	.207	.181	-4.33	-179	.491	.202	.179	-4.33	-179	.491	.202	.179
-3.21	-140	.496	.223	.146	-3.21	-140	.496	.223	.146	-3.23	-138	.457	.196	.187	-3.24	-127	.349	.189	.179	-3.24	-127	.349	.189	.179
-2.13	-.091	.343	.220	.139	-2.14	-.094	.361	.217	.156	-2.14	-.089	.324	.189	.186	-2.15	-.080	.272	.182	.176	-2.15	-.080	.272	.182	.176
-1.06	-.041	.180	.210	.139	-1.06	-.044	.200	.214	.148	-1.06	-.042	.195	.192	.174	-1.03	.014	-.015	.183	.172	-1.03	.014	-.015	.183	.172
.02	.007	-.011	.206	.139	.02	.001	-.055	.214	.147	.03	.003	-.087	.188	.178	.03	.003	-.134	.184	.177	.03	.003	-.134	.184	.177
1.09	.056	-.313	.203	.140	1.10	.052	-.106	.217	.150	1.10	.052	-.106	.217	.150	1.10	.052	-.106	.217	.150	1.10	.052	-.106	.217	.150
2.15	.105	-.490	.213	.145	2.18	.103	-.274	.209	.152	2.19	.102	-.226	.199	.174	2.21	.111	-.268	.188	.177	2.21	.111	-.268	.188	.177
3.25	.156	-.654	.222	.145	3.26	.152	-.642	.240	.149	3.28	.151	-.571	.207	.175	3.31	.161	-.405	.198	.175	3.31	.161	-.405	.198	.175
4.32	.205	-.827	.238	.134	4.32	.205	-.827	.238	.134	4.37	.207	-.552	.225	.169	4.40	.213	-.555	.245	.163	4.40	.213	-.555	.245	.163
5.40	.327	-1.093	.280	.125	5.43	.328	-1.051	.279	.143	5.47	.326	-.952	.267	.176	5.51	.330	-.800	.245	.163	5.51	.330	-.800	.245	.163
.02	.005	-.016	.211	.135	.02	.006	-.036	.209	.153	.03	.006	-.049	.193	.171	.03	.015	-.021	.183	.175	.03	.015	-.021	.183	.175
M = 1.50 Q = 8.560 RN = .3800												M = 2.50 Q = 4.930 RN = .3200												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202
-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207
-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199
-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197
.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194
1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194
2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191
3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186
4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184
5.48	.366	-1.034	.213	.188	5.48	.366	-1.034	.213	.188	5.48	.366	-1.034	.213	.188	5.48	.366	-1.034	.213	.188	5.48	.366	-1.034	.213	.188
.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186
M = 3.00 Q = 4.130 RN = .3103												M = 4.50 Q = 2.450 RN = .3201												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136
-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127
-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152
-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134
.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128
.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131
.04	.013	-.027	.100	.131	.04	.013	-.027	.100	.131	.04	.013	-.027	.100	.131	.04	.013	-.027	.100	.131	.04	.013	-.027	.100	.131
-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134
-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130
-3.45	-.191	.507	.101	.145	-3.45	-.191	.507	.101	.145	-3.45	-.191	.507	.101	.145	-3.45	-.191	.507	.101	.145	-3.45	-.191	.507	.101	.145
-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130

Table 3. (Continued)

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190				M = 1.10 Q = 7.700 RN = .4230			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-9.20	-1.04	-1.19	.797	-4.23	-.179	.599	.158	-4.25	-.176	.407	.207	-4.28	-.189	.473	.232
-1.14	-.115	.327	.180	-3.17	-.127	.412	.148	-3.18	-.128	.447	.195	-3.21	-.144	.553	.222
-2.08	-.047	.169	.174	-2.11	-.080	.256	.143	-2.11	-.079	.113	.188	-2.13	-.090	.361	.216
-1.04	-.030	.083	.170	-1.05	-.035	.118	.142	-1.02	-.034	.041	.187	-1.05	-.044	.222	.211
-1.01	-.013	-.048	.168	.01	.083	-.156	.142	.099	.041	-.189	.190	.02	-.005	.049	.209
1.07	-.036	-.174	.194	1.01	.083	-.156	.142	2.14	.112	-.365	.198	1.10	.051	-.090	.214
2.12	-.087	-.241	.188	2.13	.100	-.308	.140	3.23	.163	-.537	.209	2.17	.100	-.403	.225
4.23	-.197	-.441	.180	4.26	.158	-.462	.165	4.31	.218	-.736	.223	4.25	.194	-.588	.241
6.40	-.300	-.674	.209	6.40	.311	-1.056	.197	6.46	.332	-1.156	.262	6.50	.321	-.994	.283
			.075				.085				.074	2.17	.103	-.263	.217

M = 1.20 Q = 8.400 RN = .4160				M = 1.50 Q = 9.360 RN = .3860				M = 1.75 Q = 9.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-9.30	-.171	.500	.203	-9.23	-.179	.443	.189	8.04	.519	-1.725	.224	8.69	.540	-1.833	.190
-3.21	-.120	.354	.187	-3.23	-.174	.312	.181	7.59	.421	-1.316	.221	7.59	.439	-1.404	.187
-2.12	-.073	.234	.187	-2.14	-.080	.227	.174	6.43	.338	-.986	.215	6.48	.351	-1.045	.182
-1.04	-.026	.111	.183	-1.05	-.028	.017	.174	5.54	.268	-.728	.207	5.40	.276	-.543	.181
.05	.018	.001	.181	.05	.044	-.120	.177	4.47	.209	-.547	.199	4.31	.154	-.380	.168
1.13	.062	-.100	.189	1.05	.044	-.120	.177	3.39	.153	-.391	.186	2.17	.102	-.238	.158
2.21	.109	-.350	.200	2.23	.117	-.247	.154	2.31	.099	-.143	.185	1.61	.076	-.177	.136
3.40	.211	-.698	.217	3.43	.171	-.399	.185	1.42	.050	-.098	.183	1.08	.050	-.109	.154
4.60	.318	-.938	.224	4.43	.230	-.590	.200	.16	.005	-.002	.184	.54	.024	-.052	.153
6.40	.413	-.510	.218	6.46	.371	-1.108	.229	-.37	-.015	.031	.184	.01	.000	-.005	.153
			.139		.014	.012	.173				.184	-.51	-.023	.001	.142

M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.90	.608	-2.256	.149	8.36	.644	-2.719	.114
7.52	.487	-1.683	.146	7.27	.521	-1.611	.115
6.42	.384	-1.238	.146	6.11	.409	-1.098	.114
5.35	.299	-.895	.142	5.11	.309	-.649	.110
4.27	.226	-.625	.133	4.05	.230	-.442	.108
3.21	.163	-.442	.130	2.99	.163	-.265	.106
2.14	.103	-.242	.127	1.94	.101	-.189	.105
1.08	.078	-.149	.128	1.38	.071	-.115	.104
.03	.030	-.071	.127	.86	.044	-.043	.104
-.52	-.024	-.035	.127	.33	-.009	-.024	.104
-.94	-.060	-.093	.126	-.71	-.035	-.087	.104
-1.36	-.090	-.147	.126	-1.24	-.063	-.144	.104
-1.78	-.112	-.187	.127	-1.76	-.093	-.246	.103
-2.18	-.132	-.245	.127	-2.28	-.121	-.329	.103
-2.58	-.154	-.319	.128	-2.80	-.155	-.443	.103
-2.98	-.176	-.401	.128	-3.35	-.185	-.543	.104
-3.38	-.198	-.487	.128	-3.90	-.225	-.653	.104

Table 3. (Concluded)

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190				M = 1.10 Q = 7.700 RN = .4230			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-2.19	-1.58	.432	.175	-4.22	-1.59	.474	.148	-3.25	-1.69	.548	.104	-4.28	-1.83	.614	.129
-2.14	-1.53	.422	.164	-3.16	-1.14	.335	.140	-2.27	-1.19	.381	.122	-3.21	-1.32	.425	.109
-2.09	-1.48	.412	.154	-2.09	-.067	.182	.151	-2.11	-.071	.220	.120	-2.12	-.082	.292	.148
-1.03	-.024	-.043	.164	-1.03	-.022	.044	.150	-1.04	-.024	.063	.118	-1.05	-.035	.126	.125
-.02	.019	-.084	.162	.02	.021	-.088	.151	.03	.022	-.093	.116	.02	.011	-.028	.125
1.07	.067	-.207	.185	1.09	.065	-.220	.151	1.10	.069	-.245	.126	1.10	.060	-.179	.125
2.13	.107	-.345	.167	3.21	.095	-.356	.151	2.16	.117	-.405	.125	2.18	.107	-.456	.153
2.18	.107	-.345	.167	3.21	.156	-.317	.167	2.16	.117	-.405	.125	2.18	.107	-.456	.153
2.18	.107	-.345	.167	3.21	.156	-.317	.167	2.16	.117	-.405	.125	2.18	.107	-.456	.153
6.35	.304	-1.015	.192	6.41	.320	-1.092	.195	6.33	.318	-1.182	.226	6.51	.327	-1.054	.131
-3.14	-.111	.304	.170	.03	.023	-.099	.151	-3.17	-.118	.348	.112	-3.20	-.130	.428	.152
M = 1.30 Q = 8.400 RN = .4180				M = 1.50 Q = 8.540 RN = .3840											
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF								
-6.31	-.169	.654	.202	-4.35	-.184	.481	.191								
-3.22	-.119	.319	.195	-2.15	-.082	.187	.180								
-2.13	-.073	.207	.179	-1.04	-.033	.061	.179								
-1.03	-.023	-.092	.187	.03	.013	-.022	.178								
1.07	.067	-.207	.189	1.12	.061	-.233	.180								
2.13	.106	-.342	.194	2.22	.111	-.243	.183								
3.20	.158	-.362	.202	3.31	.163	-.309	.191								
6.39	.211	-.521	.218	6.45	.241	-.501	.220								
6.40	.332	-.926	.208	-3.25	-.130	.316	.185								
-6.31	-.168	.649	.203												

Table 4. Aerodynamic Coefficients for Configuration B2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.19	-1.25	.112	.048	-4.22	-.126	.133	.056	-4.23	-.126	.121	.054	-4.25	-.127	.110	.050
-3.13	-.046	.023	.045	-3.16	-.040	.041	.051	-3.17	-.038	.049	.049	-3.18	-.030	.021	.054
-1.04	-.022	-.004	.042	-1.10	-.021	.011	.050	-1.10	-.022	.018	.051	-1.11	-.022	.018	.051
1.07	.049	-.028	.041	1.02	.030	-.008	.050	1.02	.010	-.002	.050	1.09	.041	.011	.052
2.12	.079	-.092	.043	1.08	.042	-.020	.050	1.08	.047	-.045	.051	2.16	.075	-.003	.053
3.17	.114	-.129	.048	2.14	.076	-.054	.052	2.15	.112	-.042	.054	3.23	.112	-.048	.053
4.22	.151	-.189	.053	3.20	.112	-.100	.054	3.23	.153	-.129	.057	4.30	.153	-.129	.057
5.26	.186	-.226	.057	4.26	.151	-.167	.056	4.28	.200	-.166	.060	5.30	.200	-.166	.060
6.31	.219	-.267	.062	5.26	.186	-.226	.057	6.43	.252	-.200	.062	7.46	.252	-.200	.062
7.36	.251	-.308	.067	6.31	.219	-.267	.062	7.46	.285	-.232	.067	8.49	.285	-.232	.067
8.41	.283	-.349	.072	7.36	.251	-.308	.067	8.49	.318	-.265	.072	9.52	.318	-.265	.072
9.46	.315	-.390	.077	8.41	.283	-.349	.072	9.52	.351	-.292	.077	10.55	.351	-.292	.077
10.50	.347	-.431	.082	9.46	.315	-.390	.077	10.55	.384	-.317	.082	11.58	.384	-.317	.082
11.54	.379	-.472	.087	10.50	.347	-.431	.082	11.58	.417	-.342	.087	12.61	.417	-.342	.087
12.58	.411	-.513	.092	11.54	.379	-.472	.087	12.61	.450	-.367	.092	13.64	.450	-.367	.092
13.61	.443	-.554	.097	12.58	.411	-.513	.092	13.64	.483	-.392	.097	14.67	.483	-.392	.097
14.64	.475	-.595	.102	13.61	.443	-.554	.097	14.67	.516	-.417	.102	15.70	.516	-.417	.102
15.67	.507	-.636	.107	14.64	.475	-.595	.102	15.70	.549	-.442	.107	16.73	.549	-.442	.107
16.70	.539	-.677	.112	15.67	.507	-.636	.107	16.73	.582	-.467	.112	17.76	.582	-.467	.112
17.73	.571	-.718	.117	16.70	.539	-.677	.112	17.76	.615	-.492	.117	18.79	.615	-.492	.117
18.76	.603	-.759	.122	17.73	.571	-.718	.117	18.79	.648	-.517	.122	19.82	.648	-.517	.122
19.79	.635	-.800	.127	18.76	.603	-.759	.122	19.82	.681	-.542	.127	20.85	.681	-.542	.127
20.82	.667	-.841	.132	19.79	.635	-.800	.127	20.85	.714	-.567	.132	21.88	.714	-.567	.132
21.85	.699	-.882	.137	20.82	.667	-.841	.132	21.88	.747	-.592	.137	22.91	.747	-.592	.137
22.88	.731	-.923	.142	21.85	.699	-.882	.137	22.91	.780	-.617	.142	23.94	.780	-.617	.142
23.91	.763	-.964	.147	22.88	.731	-.923	.142	23.94	.813	-.642	.147	24.97	.813	-.642	.147
24.94	.795	-.1005	.152	23.91	.763	-.964	.147	24.97	.846	-.667	.152	26.00	.846	-.667	.152
25.97	.827	-.1046	.157	24.94	.795	-.1005	.152	26.00	.879	-.692	.157	27.03	.879	-.692	.157
26.00	.859	-.1087	.162	25.97	.827	-.1046	.157	27.03	.912	-.717	.162	28.06	.912	-.717	.162
27.03	.891	-.1128	.167	26.00	.859	-.1087	.162	28.06	.945	-.742	.167	29.09	.945	-.742	.167
28.06	.923	-.1169	.172	27.03	.891	-.1128	.167	29.09	.978	-.767	.172	30.12	.978	-.767	.172
29.09	.955	-.1210	.177	28.06	.923	-.1169	.172	30.12	.1011	-.792	.177	31.15	.1011	-.792	.177
30.12	.987	-.1251	.182	29.09	.955	-.1210	.177	31.15	.1044	-.817	.182	32.18	.1044	-.817	.182
31.15	.1019	-.1292	.187	30.12	.987	-.1251	.182	32.18	.1077	-.842	.187	33.21	.1077	-.842	.187
32.18	.1051	-.1333	.192	31.15	.1019	-.1292	.187	33.21	.1110	-.867	.192	34.24	.1110	-.867	.192
33.21	.1083	-.1374	.197	32.18	.1051	-.1333	.192	34.24	.1143	-.892	.197	35.27	.1143	-.892	.197
34.24	.1115	-.1415	.202	33.21	.1083	-.1374	.197	35.27	.1176	-.917	.202	36.30	.1176	-.917	.202
35.27	.1147	-.1456	.207	34.24	.1115	-.1415	.202	36.30	.1209	-.942	.207	37.33	.1209	-.942	.207
36.30	.1179	-.1497	.212	35.27	.1147	-.1456	.207	37.33	.1242	-.967	.212	38.36	.1242	-.967	.212
37.33	.1211	-.1538	.217	36.30	.1179	-.1497	.212	38.36	.1275	-.992	.217	39.39	.1275	-.992	.217
38.36	.1243	-.1579	.222	37.33	.1211	-.1538	.217	39.39	.1308	-.1017	.222	40.42	.1308	-.1017	.222
39.39	.1275	-.1620	.227	38.36	.1243	-.1579	.222	40.42	.1341	-.1042	.227	41.45	.1341	-.1042	.227
40.42	.1307	-.1661	.232	39.39	.1275	-.1620	.227	41.45	.1374	-.1067	.232	42.48	.1374	-.1067	.232
41.45	.1339	-.1702	.237	40.42	.1307	-.1661	.232	42.48	.1407	-.1092	.237	43.51	.1407	-.1092	.237
42.48	.1371	-.1743	.242	41.45	.1339	-.1702	.237	43.51	.1440	-.1117	.242	44.54	.1440	-.1117	.242
43.51	.1403	-.1784	.247	42.48	.1371	-.1743	.242	44.54	.1473	-.1142	.247	45.57	.1473	-.1142	.247
44.54	.1435	-.1825	.252	43.51	.1403	-.1784	.247	45.57	.1506	-.1167	.252	46.60	.1506	-.1167	.252
45.57	.1467	-.1866	.257	44.54	.1435	-.1825	.252	46.60	.1539	-.1192	.257	47.63	.1539	-.1192	.257
46.60	.1499	-.1907	.262	45.57	.1467	-.1866	.257	47.63	.1572	-.1217	.262	48.66	.1572	-.1217	.262
47.63	.1531	-.1948	.267	46.60	.1499	-.1907	.262	48.66	.1605	-.1242	.267	49.69	.1605	-.1242	.267
48.66	.1563	-.1989	.272	47.63	.1531	-.1948	.267	49.69	.1638	-.1267	.272	50.72	.1638	-.1267	.272
49.69	.1595	-.2030	.277	48.66	.1563	-.1989	.272	50.72	.1671	-.1292	.277	51.75	.1671	-.1292	.277
50.72	.1627	-.2071	.282	49.69	.1595	-.2030	.277	51.75	.1704	-.1317	.282	52.78	.1704	-.1317	.282
51.75	.1659	-.2112	.287	50.72	.1627	-.2071	.282	52.78	.1737	-.1342	.287	53.81	.1737	-.1342	.287
52.78	.1691	-.2153	.292	51.75	.1659	-.2112	.287	53.81	.1770	-.1367	.292	54.84	.1770	-.1367	.292
53.81	.1723	-.2194	.297	52.78	.1691	-.2153	.292	54.84	.1803	-.1392	.297	55.87	.1803	-.1392	.297
54.84	.1755	-.2235	.302	53.81	.1723	-.2194	.297	55.87	.1836	-.1417	.302	56.90	.1836	-.1417	.302
55.87	.1787	-.2276	.307	54.84	.1755	-.2235	.302	56.90	.1869	-.1442	.307	57.93	.1869	-.1442	.307
56.90	.1819	-.2317	.312	55.87	.1787	-.2276	.307	57.93	.1902	-.1467	.312	58.96	.1902	-.1467	.312
57.93	.1851	-.2358	.317	56.90	.1819	-.2317	.312	58.96	.1935	-.1492	.317	59.99	.1935	-.1492	.317
58.96	.1883	-.2399	.322	57.93	.1851	-.2358	.317	59.99	.1968	-.1517	.322	61.02	.1968	-.1517	.322
59.99	.1915	-.2440	.327	58.96	.1883	-.2399	.322	61.02	.2001	-.1542	.327	62.05	.2001	-.1542	.327
60.02	.1947	-.2481	.332	59.99	.1915	-.2440	.327	62.05	.2034	-.1567	.332	63.08	.2034	-.1567	.332
61.02	.1979	-.2522	.337	60.02	.1947	-.2481	.332	63.08	.2067	-.1592	.337	64.11	.2067	-.1592	.337
62.05	.2011	-.2563	.342	61.02	.1979	-.2522	.337	64.11	.2100	-.1617	.342	65.14	.2100	-.1617	.342
63.08	.2043	-.2604	.347	62.05	.2011	-.2563	.342	65.14	.2133	-.1642	.347	66.17	.2133	-.1642	.347
64.11	.2075	-.2645	.352	63.08	.2043	-.2604	.347	66.17	.2166	-.1667	.352	67.20	.2166	-.1667	.352
65.14	.2107	-.2686	.357	64.11	.2075	-.2645	.352	67.20	.2199	-.1692	.357	68.23	.2199	-.1692	.357
66.17	.2139	-.2727	.362	65.14	.2107	-.2686	.357	68.23	.2232	-.1717	.362	69.26	.2232	-.1717	.362
67.20	.2171	-.2768	.367	66.17	.2139	-.2727	.362	69.26	.2265	-.1742	.367	70.29	.2265	-.1742	.367
68.23	.2203	-.2809	.372	67.20	.2171	-.2768	.367	70.29	.2298	-.1767	.372	71.32	.2298	-.1767	.372
69.26	.2235	-.2850	.377	68.23	.2203	-.2809	.372	71.32	.2331	-.1792	.377	72.35	.2331	-.1792	.377
70.29	.2267	-.2891	.382	69.26	.2235	-.2850	.377	72.35	.2364	-.1817	.382	73.38	.2364	-.1817	.382
71.32	.2299	-.2932	.387	70.29	.2267	-.2891	.382	73.38	.2397	-.1842	.387	74.41	.2397	-.1842	.387
72.35	.2331	-.2973	.392	71.32	.2299	-.2932	.387	74.41	.2430	-.1867	.392	75.44	.2430	-.1867	.392
73.38	.2363	-.3014	.397	72.35	.2331	-.2973	.392	75.44	.2463	-.1892	.397	76.47	.2463	-.1892	.397
74.41	.2395	-.3055	.402	73.38	.2363	-.3014	.397	76.47	.2496	-.1917	.402	77.50	.2496	-.1917	.402
75.44	.2427	-.3096	.407	74.41	.2395	-.3055	.402	77.50	.2529	-.1942	.407	78.53	.2529	-.1942	.407
76.47	.2459	-.3137	.412	75.44	.2427	-.3096	.407	78.53	.2562	-.1967	.412	79.56	.2562	-.1967	.412
77.50	.2491	-.3178	.417	76.47	.2459	-.3137	.412	79.56	.2595	-.					

Table 5. Aerodynamic Coefficients for Configuration B1T1X1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.27	-3.20	1.732	.139	-4.29	-3.19	1.766	.116	-4.32	-3.55	2.001	.139	-4.35	-3.76	2.285	.193
-3.16	-2.12	1.081	.133	-3.21	-2.15	1.131	.108	-3.24	-2.51	1.449	.139	-3.25	-2.61	1.545	.185
-2.11	-1.11	.473	.130	-2.13	-1.13	.500	.125	-2.14	-1.19	.742	.133	-2.16	-1.15	.865	.180
-1.06	-.079	-.057	.126	-1.05	-.076	-.057	.125	-1.06	-.082	-.057	.137	-1.06	-.083	-.145	.176
-.03	-.010	-.010	.110	-.02	-.010	-.010	.097	-.02	.050	-.432	.137	-.03	-.071	-.160	.166
1.04	.151	1.027	.131	1.10	.139	.908	.103	1.11	.157	1.088	.138	1.03	.071	1.069	.178
2.16	.254	1.157	.134	2.19	.230	1.023	.111	2.19	.251	1.607	.135	2.22	.284	1.666	.195
3.24	.353	2.276	.140	3.26	.330	2.041	.115	3.29	.342	2.374	.141	3.31	.391	2.639	.194
4.31	.454	2.876	.142	4.35	.438	2.736	.122	4.37	.457	3.054	.143	4.40	.497	3.307	.201
5.47	.564	3.611	.143	5.49	.548	3.509	.135	5.51	.577	3.842	.146	5.54	.617	4.478	.210
.02	.061	-6.181	.129	.03	.055	-6.437	.100	.03	.058	-6.483	.139	.03	.071	-6.798	.178
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4290				M = 1.20 Q = 8.190 RN = .4320				M = 1.30 Q = 8.400 RN = .4160			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.35	-3.35	1.909	.168	-4.36	-3.21	1.767	.187	-4.39	-3.34	1.855	.181	-4.42	-3.60	2.061	.192
-3.25	-2.25	1.098	.169	-3.25	-2.19	1.170	.181	-3.26	-2.31	1.267	.175	-3.29	-2.68	1.386	.187
-2.15	-1.15	.488	.169	-2.15	-1.17	.491	.173	-2.16	-1.19	.720	.175	-2.18	-1.13	.756	.185
-1.06	-.076	-.057	.172	-1.06	-.081	-.057	.169	-1.06	-.085	-.057	.173	-1.07	-.039	-.137	.184
-.03	-.036	-.055	.170	-.04	-.038	-.052	.163	-.04	.041	-.270	.171	-.05	.066	-.490	.184
.03	.056	-.448	.170	.03	.056	-.448	.167	.03	.056	-.448	.167	.03	.066	-.490	.184
1.12	.148	1.084	.175	1.12	.148	1.084	.175	1.15	.132	-.771	.166	1.17	.170	1.110	.185
2.22	.244	1.174	.184	2.22	.244	1.174	.184	2.25	.228	1.290	.170	2.28	.274	1.302	.185
3.31	.340	2.148	.184	3.31	.340	2.148	.184	3.34	.324	2.451	.187	3.37	.378	2.302	.185
4.41	.451	2.832	.184	4.41	.451	2.832	.184	4.45	.442	3.451	.188	4.48	.487	2.972	.189
5.49	.549	3.611	.184	5.49	.549	3.611	.184	5.53	.533	4.451	.188	5.56	.578	4.472	.189
.03	.059	-6.469	.170	.03	.059	-6.469	.170	.04	.039	-6.753	.170	.05	.064	-6.208	.213
M = 1.50 Q = 8.560 RN = .3860				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200							
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF				
-4.44	-3.41	2.017	.191	-4.39	-3.34	1.855	.181	-4.39	-3.34	1.855	.181				
-3.31	-2.35	1.413	.187	-3.26	-2.28	1.176	.181	-3.26	-2.28	1.176	.181				
-2.19	-1.19	.498	.183	-2.16	-1.17	.491	.173	-2.16	-1.17	.491	.173				
-1.06	-.080	-.056	.183	-1.06	-.080	-.056	.183	-1.06	-.080	-.056	.183				
1.16	.151	1.026	.181	1.16	.151	1.026	.181	1.16	.151	1.026	.181				
2.26	.240	1.137	.185	2.26	.240	1.137	.185	2.26	.240	1.137	.185				
3.41	.341	2.148	.185	3.41	.341	2.148	.185	3.41	.341	2.148	.185				
4.54	.450	2.867	.187	4.54	.450	2.867	.187	4.54	.450	2.867	.187				
5.63	.561	3.611	.181	5.63	.561	3.611	.181	5.63	.561	3.611	.181				
.03	.063	-6.284	.181	.03	.063	-6.284	.181	.03	.063	-6.284	.181				
M = 3.00 Q = 4.130 RN = .3100				M = 4.50 Q = 2.450 RN = .3200											
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF								
-5.73	-5.04	2.418	.108	-5.71	-5.34	2.491	.070								
-4.73	-4.07	1.646	.108	-4.71	-4.15	1.646	.070								
-3.73	-3.00	1.098	.107	-3.69	-3.15	1.098	.070								
-2.64	-2.10	.657	.106	-2.64	-2.17	.657	.070								
-1.65	-1.27	.360	.107	-1.65	-1.37	.360	.071								
1.09	.084	-.384	.107	1.12	.089	-.384	.071								
.60	.044	-.196	.107	.61	.044	-.196	.071								
.05	.025	-.047	.107	.05	.025	-.047	.107								
-.06	-.074	.338	.107	-.06	-.074	.338	.107								
-1.04	-1.15	.527	.107	-1.04	-1.15	.527	.107								
-2.04	-2.05	.705	.107	-2.04	-2.05	.705	.107								
-3.04	-3.04	.886	.107	-3.04	-3.04	.886	.107								
-4.04	-4.04	1.067	.107	-4.04	-4.04	1.067	.107								
-5.04	-5.04	1.248	.107	-5.04	-5.04	1.248	.107								

Table 6. Aerodynamic Coefficients for Configuration B1T1X2

M = .80 Q = 5.700 RM = .3810				M = .90 Q = 6.520 RM = .4010				M = .95 Q = 6.750 RM = .4090				M = 1.00 Q = 7.090 RM = .4190			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.24	-308	1.768	.197	-4.28	-352	2.245	.195	-4.28	-315	1.876	.225	-4.30	-333	2.054	.298
-3.87	-200	1.090	.189	-3.20	-282	1.502	.185	-3.21	-215	1.220	.221	-3.22	-229	1.359	.288
-1.11	-112	.532	.184	-2.12	-134	.774	.178	-2.13	-112	.562	.210	-2.13	-121	.649	.267
-1.03	-108	.513	.180	-1.04	-102	.677	.171	-1.04	-94	.520	.209	-1.05	-105	.635	.262
1.10	.179	-1.302	.183	1.03	.182	-1.332	.171	1.13	.144	-.977	.200	1.12	.144	-1.191	.259
2.17	.282	-1.958	.188	2.19	.279	-1.924	.175	2.21	.244	-1.635	.203	2.20	.244	-1.858	.262
3.24	.373	-2.517	.194	3.27	.385	-2.640	.180	3.27	.350	-2.335	.206	3.29	.372	-2.526	.268
4.36	.461	-3.046	.213	4.35	.495	-3.382	.187	4.36	.464	-3.037	.212	4.38	.478	-3.236	.274
5.45	.582	-4.043	.237	5.33	.772	-5.372	.224	5.54	.715	-4.794	.226	6.57	.704	-4.692	.278
.03	.080	-.698	.183	.03	.070	-.565	.166	-2.13	-.128	.895	.209	.03	.068	-.560	.256
RM = .4190				RM = .4320				RM = .4460				RM = .4600			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.35	-176	2.383	.328	-4.39	-.406	2.639	.261	-4.40	-.418	2.748	.239	-4.42	-.397	2.478	.212
-3.25	-.264	1.637	.318	-3.27	-.280	1.801	.257	-3.29	-.294	1.924	.233	-3.30	-.284	1.769	.206
-2.16	-.160	.942	.297	-2.17	-.172	1.085	.247	-2.18	-.176	1.124	.225	-2.19	-.172	1.057	.199
-1.07	-.054	.252	.285	-1.07	-.062	.361	.233	-1.07	-.055	.299	.219	-1.07	-.055	.300	.196
1.02	.043	-.368	.270	1.03	.065	-.336	.226	1.05	.070	-.299	.217	1.04	.052	-.394	.195
2.18	.245	-1.499	.278	2.16	.234	-1.520	.254	1.15	.183	-1.314	.218	1.16	.165	-1.117	.197
3.28	.350	-2.390	.286	3.24	.337	-2.526	.240	3.27	.320	-2.483	.232	3.29	.317	-2.514	.208
4.38	.461	-3.116	.296	4.44	.487	-3.251	.249	4.49	.537	-3.660	.234	4.52	.509	-3.282	.215
5.58	.584	-4.061	.318	5.67	.723	-4.765	.275	6.74	.780	-5.184	.261	6.79	.762	-4.853	.237
.02	.044	-.392	.270	.03	.046	-.344	.226	.05	.067	-.521	.218	.04	.051	-.387	.195
RM = .4740				RM = .4880				RM = .5020				RM = .5160			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.82	.374	-3.419	.197	5.85	.538	-3.037	.180	5.92	.545	-2.958	.165	5.74	.543	-2.885	.107
-4.81	.467	-2.787	.190	4.89	.435	-2.550	.176	4.87	.435	-2.337	.165	4.72	.434	-2.298	.107
3.77	.356	-2.129	.182	3.87	.337	-1.899	.170	3.84	.339	-1.862	.166	3.70	.330	-1.730	.108
1.49	.153	-1.480	.172	2.51	.244	-1.375	.164	2.41	.235	-1.322	.151	2.65	.233	-1.215	.110
1.24	.101	-.583	.172	1.23	.104	-.609	.163	1.22	.102	-.554	.152	1.07	.090	-.477	.114
.63	.054	-.317	.169	.73	.062	-.360	.163	.72	.061	-.339	.154	.59	.050	-.263	.115
.11	.010	-.056	.167	.21	.018	-.105	.164	.19	.017	-.095	.155	.07	.005	-.029	.115
-.19	-.034	.203	.166	-.32	-.027	.157	.165	-.31	-.026	.146	.155	-.46	-.037	.194	.115
-.92	-.081	.467	.167	-.84	-.072	.415	.165	-.84	-.072	.395	.156	-.96	-.082	.434	.115
-.43	-.128	.761	.168	-.35	-.117	.688	.165	-.33	-.112	.610	.155	-.48	-.125	.642	.115
-.24	-.126	1.060	.171	-.48	-.161	.920	.165	-.45	-.156	.863	.155	-.48	-.169	.876	.115
-.39	-.219	1.387	.171	-.60	-.237	1.161	.165	-.57	-.252	1.395	.153	-.69	-.212	1.083	.115
-.49	-.319	1.887	.175	-.74	-.322	1.592	.165	-.83	-.292	1.995	.153	-.90	-.290	2.090	.115
-.52	-.427	2.539	.181	-.83	-.386	2.169	.170	-.84	-.387	2.104	.151	-.93	-.398	2.090	.113
RM = .5300				RM = .5440				RM = .5580				RM = .5720			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
5.62	.541	-2.868	.046	5.79	.555	-2.944	.050	5.92	.545	-2.958	.165	5.74	.543	-2.885	.107
3.62	.419	-2.172	.046	3.77	.434	-2.246	.051	3.84	.435	-2.337	.165	4.72	.434	-2.298	.107
3.60	.316	-1.613	.046	2.76	.231	-1.371	.051	2.41	.235	-1.322	.151	2.65	.233	-1.215	.110
2.58	.219	-1.107	.046	1.73	.144	-.721	.050	1.22	.102	-.554	.152	1.07	.090	-.477	.114
1.56	.133	-.673	.046	1.20	.099	-.500	.050	.72	.061	-.339	.154	.59	.050	-.263	.115
1.02	.085	-.437	.046	.71	.056	-.291	.050	.19	.017	-.095	.155	.07	.005	-.029	.115
.52	.043	-.227	.046	.16	.014	-.077	.050	-.31	-.026	.146	.155	-.46	-.037	.194	.115
-.01	.000	-.012	.046	-.31	-.025	.132	.050	-.84	-.072	.395	.156	-.96	-.082	.434	.115
-.01	-.003	.436	.046	-.49	-.068	.825	.050	-.48	-.125	.642	.115	-.48	-.125	.642	.115
-.10	-.083	.831	.046	-.69	-.152	.778	.050	-.57	-.252	1.395	.153	-.90	-.290	2.090	.115
-.51	-.176	.631	.046	-.84	-.252	1.592	.165	-.83	-.292	1.995	.153	-.90	-.290	2.090	.115
-.20	-.168	.860	.046	-.69	-.152	.778	.050	-.57	-.252	1.395	.153	-.90	-.290	2.090	.115
-.25	-.211	1.069	.046	-.84	-.252	1.592	.165	-.83	-.292	1.995	.153	-.90	-.290	2.090	.115
-.39	-.297	1.693	.046	-.93	-.387	2.104	.151	-.84	-.387	2.104	.151	-.93	-.398	2.090	.113
-.52	-.396	2.090	.046	-.83	-.386	2.169	.170	-.84	-.387	2.104	.151	-.93	-.398	2.090	.113

Table 7. Aerodynamic Coefficients for Configuration B1T1X3

M = .80 Q = 5.700 RN = .1810				M = .80 Q = 6.520 RN = .4010				M = .85 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.23	-323	1.981	.278	-4.26	-323	2.005	.274	-4.28	-311	1.872	.268	-4.29	-293	1.700	.381
-3.17	-219	1.818	.278	-3.20	-219	1.872	.274	-3.20	-208	1.201	.266	-3.20	-150	1.508	.346
-2.11	-127	1.672	.278	-2.12	-127	1.672	.274	-2.12	-120	.439	.328	-2.13	-114	.580	.379
-1.05	-027	.001	.278	-1.05	-040	.147	.207	-1.05	-037	.117	.241	-1.05	-029	.082	.299
.02	.073	-.675	.278	.02	.048	-.417	.200	.02	.048	-.412	.231	.02	.049	-.424	.290
1.08	.173	-1.340	.278	1.09	.133	-.935	.209	1.10	.135	-.944	.240	1.10	.138	-.964	.299
2.16	.288	-1.674	.278	2.16	.231	-1.580	.229	2.17	.220	-1.476	.266	2.18	.220	-1.458	.320
3.21	.370	-2.059	.278	3.23	.249	-2.249	.237	3.23	.222	-2.295	.250	3.26	.308	-1.984	.349
4.26	.442	-2.481	.278	4.23	.245	-2.164	.262	4.23	.222	-2.295	.250	4.26	.308	-1.984	.349
5.31	.504	-2.941	.278	5.28	.245	-2.164	.262	5.28	.222	-2.295	.250	5.31	.308	-1.984	.349
6.36	.566	-3.401	.278	6.33	.245	-2.164	.262	6.33	.222	-2.295	.250	6.36	.308	-1.984	.349
7.41	.628	-3.861	.278	7.38	.245	-2.164	.262	7.38	.222	-2.295	.250	7.41	.308	-1.984	.349
8.46	.690	-4.321	.278	8.43	.245	-2.164	.262	8.43	.222	-2.295	.250	8.46	.308	-1.984	.349
9.51	.752	-4.781	.278	9.48	.245	-2.164	.262	9.48	.222	-2.295	.250	9.51	.308	-1.984	.349
10.56	.814	-5.241	.278	10.53	.245	-2.164	.262	10.53	.222	-2.295	.250	10.56	.308	-1.984	.349
11.61	.876	-5.701	.278	11.58	.245	-2.164	.262	11.58	.222	-2.295	.250	11.61	.308	-1.984	.349
12.66	.938	-6.161	.278	12.63	.245	-2.164	.262	12.63	.222	-2.295	.250	12.66	.308	-1.984	.349
13.71	.999	-6.621	.278	13.68	.245	-2.164	.262	13.68	.222	-2.295	.250	13.71	.308	-1.984	.349
14.76	.106	-7.081	.278	14.73	.245	-2.164	.262	14.73	.222	-2.295	.250	14.76	.308	-1.984	.349
15.81	.168	-7.541	.278	15.78	.245	-2.164	.262	15.78	.222	-2.295	.250	15.81	.308	-1.984	.349
16.86	.230	-8.001	.278	16.83	.245	-2.164	.262	16.83	.222	-2.295	.250	16.86	.308	-1.984	.349
17.91	.292	-8.461	.278	17.88	.245	-2.164	.262	17.88	.222	-2.295	.250	17.91	.308	-1.984	.349
18.96	.354	-8.921	.278	18.93	.245	-2.164	.262	18.93	.222	-2.295	.250	18.96	.308	-1.984	.349
19.01	.416	-9.381	.278	19.01	.245	-2.164	.262	19.01	.222	-2.295	.250	19.01	.308	-1.984	.349
20.06	.478	-9.841	.278	20.03	.245	-2.164	.262	20.03	.222	-2.295	.250	20.06	.308	-1.984	.349
21.11	.540	-10.301	.278	21.08	.245	-2.164	.262	21.08	.222	-2.295	.250	21.11	.308	-1.984	.349
22.16	.602	-10.761	.278	22.13	.245	-2.164	.262	22.13	.222	-2.295	.250	22.16	.308	-1.984	.349
23.21	.664	-11.221	.278	23.18	.245	-2.164	.262	23.18	.222	-2.295	.250	23.21	.308	-1.984	.349
24.26	.726	-11.681	.278	24.23	.245	-2.164	.262	24.23	.222	-2.295	.250	24.26	.308	-1.984	.349
25.31	.788	-12.141	.278	25.28	.245	-2.164	.262	25.28	.222	-2.295	.250	25.31	.308	-1.984	.349
26.36	.850	-12.601	.278	26.33	.245	-2.164	.262	26.33	.222	-2.295	.250	26.36	.308	-1.984	.349
27.41	.912	-13.061	.278	27.38	.245	-2.164	.262	27.38	.222	-2.295	.250	27.41	.308	-1.984	.349
28.46	.974	-13.521	.278	28.43	.245	-2.164	.262	28.43	.222	-2.295	.250	28.46	.308	-1.984	.349
29.51	.103	-13.981	.278	29.48	.245	-2.164	.262	29.48	.222	-2.295	.250	29.51	.308	-1.984	.349
30.56	.165	-14.441	.278	30.53	.245	-2.164	.262	30.53	.222	-2.295	.250	30.56	.308	-1.984	.349
31.61	.227	-14.901	.278	31.58	.245	-2.164	.262	31.58	.222	-2.295	.250	31.61	.308	-1.984	.349
32.66	.289	-15.361	.278	32.63	.245	-2.164	.262	32.63	.222	-2.295	.250	32.66	.308	-1.984	.349
33.71	.351	-15.821	.278	33.68	.245	-2.164	.262	33.68	.222	-2.295	.250	33.71	.308	-1.984	.349
34.76	.413	-16.281	.278	34.73	.245	-2.164	.262	34.73	.222	-2.295	.250	34.76	.308	-1.984	.349
35.81	.475	-16.741	.278	35.78	.245	-2.164	.262	35.78	.222	-2.295	.250	35.81	.308	-1.984	.349
36.86	.537	-17.201	.278	36.83	.245	-2.164	.262	36.83	.222	-2.295	.250	36.86	.308	-1.984	.349
37.91	.599	-17.661	.278	37.88	.245	-2.164	.262	37.88	.222	-2.295	.250	37.91	.308	-1.984	.349
38.96	.661	-18.121	.278	38.93	.245	-2.164	.262	38.93	.222	-2.295	.250	38.96	.308	-1.984	.349
39.01	.723	-18.581	.278	39.01	.245	-2.164	.262	39.01	.222	-2.295	.250	39.01	.308	-1.984	.349
40.06	.785	-19.041	.278	40.03	.245	-2.164	.262	40.03	.222	-2.295	.250	40.06	.308	-1.984	.349
41.11	.847	-19.501	.278	41.08	.245	-2.164	.262	41.08	.222	-2.295	.250	41.11	.308	-1.984	.349
42.16	.909	-19.961	.278	42.13	.245	-2.164	.262	42.13	.222	-2.295	.250	42.16	.308	-1.984	.349
43.21	.971	-20.421	.278	43.18	.245	-2.164	.262	43.18	.222	-2.295	.250	43.21	.308	-1.984	.349
44.26	.103	-20.881	.278	44.23	.245	-2.164	.262	44.23	.222	-2.295	.250	44.26	.308	-1.984	.349
45.31	.165	-21.341	.278	45.28	.245	-2.164	.262	45.28	.222	-2.295	.250	45.31	.308	-1.984	.349
46.36	.227	-21.801	.278	46.33	.245	-2.164	.262	46.33	.222	-2.295	.250	46.36	.308	-1.984	.349
47.41	.289	-22.261	.278	47.38	.245	-2.164	.262	47.38	.222	-2.295	.250	47.41	.308	-1.984	.349
48.46	.351	-22.721	.278	48.43	.245	-2.164	.262	48.43	.222	-2.295	.250	48.46	.308	-1.984	.349
49.51	.413	-23.181	.278	49.48	.245	-2.164	.262	49.48	.222	-2.295	.250	49.51	.308	-1.984	.349
50.56	.475	-23.641	.278	50.53	.245	-2.164	.262	50.53	.222	-2.295	.250	50.56	.308	-1.984	.349
51.61	.537	-24.101	.278	51.58	.245	-2.164	.262	51.58	.222	-2.295	.250	51.61	.308	-1.984	.349
52.66	.599	-24.561	.278	52.63	.245	-2.164	.262	52.63	.222	-2.295	.250	52.66	.308	-1.984	.349
53.71	.661	-25.021	.278	53.68	.245	-2.164	.262	53.68	.222	-2.295	.250	53.71	.308	-1.984	.349
54.76	.723	-25.481	.278	54.73	.245	-2.164	.262	54.73	.222	-2.295	.250	54.76	.308	-1.984	.349
55.81	.785	-25.941	.278	55.78	.245	-2.164	.262	55.78	.222	-2.295	.250	55.81	.308	-1.984	.349
56.86	.847	-26.401	.278	56.83	.245	-2.164	.262	56.83	.222	-2.295	.250	56.86	.308	-1.984	.349
57.91	.909	-26.861	.278	57.88	.245	-2.164	.262	57.88	.222	-2.295	.250	57.91	.308	-1.984	.349
58.96	.971	-27.321	.278	58.93	.245	-2.164	.262	58.93	.222	-2.295	.250	58.96	.308	-1.984	.349
59.01	.103	-27.781	.278	59.01	.245	-2.164	.262	59.01	.222	-2.295	.250	59.01	.308	-1.984	.349
60.06	.165	-28.241	.278	60.03	.245	-2.164	.262	60.03	.222	-2.295	.250	60.06	.308	-1.984	.349
61.11	.227	-28.701	.278	61.08	.245	-2.164	.262	61.08	.222	-2.295	.250	61.11	.308	-1.984	.349
62.16	.289	-29.161	.278	62.13	.245	-2.164	.262	62.13	.222	-2.295	.250	62.16	.308	-1.984	.349
63.21	.351	-29.621	.278	63.18	.245	-2.164	.262	63.18	.222	-2.295	.250	63.21	.308	-1.984	.349
64.26	.413	-30.081	.278	64.23	.245	-2.164	.262	64.23	.222	-2.295	.250	64.26	.308	-1.984	.349
65.31	.475	-30.541	.278	65.28	.245	-2.164	.262	65.28	.222	-2.295	.250	65.31	.308	-1.984	.349
66.36	.537	-31.001	.278	66.33	.245	-2.164	.262	66.33	.222	-2.295	.250	66.36	.308	-1.984	.349
67.41	.599	-31.461	.278	67.38	.245	-2.164	.262	67.38	.222	-2.295	.250	67.41	.308	-1.984	.349
68.46	.661	-31.921	.278	68.43	.245	-2.164	.262	68.43	.222	-2.295	.250	68.46	.308	-1.984	.349
69.51	.723	-32.381	.278	69.48	.245	-2.164	.262	69.48	.222	-2.295	.250	69.51	.308	-1.984	.349
70.56	.785	-32.841	.278	70.53	.245	-2.164	.262	70.53	.222	-2.295	.250	70.56	.308	-1.984	.349
71.61	.847	-33.301	.278	71.58	.245	-2.164	.262	71.58	.222	-2.295	.250	71.61	.308	-1.984	.349
72.66	.909	-33.761	.278	72.63	.245	-2.164	.262	72.63	.222	-2.295	.250	72.66	.308	-1.984	.349
73.71	.971	-34.221	.278	73.68	.245	-2.164	.262	73.68	.222	-2.295	.250	73.71	.308	-1.984	.349
74.76	.103	-34.681	.278	74.73	.245	-2.164	.262	74.73	.222	-2.295	.250	74.76	.308	-1.984	.349
75.81	.165	-35.141	.278	75.78	.245	-2.164	.262	75.78	.222	-2.295					

Table 8. Aerodynamic Coefficients for Configuration BlT2X1

M = .80 Q = 5.700 RN = .3810										M = 1.00 Q = 7.090 RN = .4190									
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-3.83	2.320	-129	.532	-4.34	-4.70	3.139	.098	-5.02	-3.59	2.114	.134	-4.32	-3.59	2.114	.134	-4.37	-4.56	3.022	.642
-2.70	1.619	-131	.532	-3.24	-3.19	2.089	.084	.508	-3.23	-3.23	.119	-3.23	-3.23	-3.23	.119	-3.27	-3.26	2.124	.199
-1.17	1.005	-125	.547	-2.16	-1.92	1.253	.090	.515	-2.14	-1.34	.684	-2.16	-1.34	.684	.112	-2.17	-1.96	1.255	.655
-1.03	.004	-128	.547	-1.03	.004	-1.278	.087	.525	-1.06	.004	.380	-1.06	.004	.380	.108	-1.03	.007	.185	.870
.102	-1.086	-118	.559	1.12	.159	-1.005	.088	.526	1.10	.046	.107	1.10	.046	.107	.107	1.13	.152	-1.670	.186
.119	.598	-119	.598	2.21	.278	-1.276	.091	.522	2.19	.178	-.876	2.21	.178	-.876	.123	2.23	.266	-1.679	.667
.124	.567	-121	.567	3.31	.416	-2.706	.099	.513	3.29	.303	-1.467	3.31	.303	-1.467	.132	3.33	.394	-2.517	.196
.129	.549	-124	.549	4.41	.587	-3.959	.104	.531	4.39	.444	-2.649	4.41	.444	-2.649	.126	4.43	.520	-3.349	.206
.130	.536	-126	.536	6.62	.883	-5.964	.120	.535	6.60	.712	-4.397	6.62	.712	-4.397	.131	6.65	.789	-5.117	.629
.134	.554	-127	.554	1.12	.134	-.974	.084	.522	1.10	.088	-.178	1.12	.088	-.178	.112	1.10	.088	-1.177	.185
.135	.551	-121	.551	.03	.043	-.270	.085	.529	-1.06	-.059	.515	-1.06	-.059	.515	.110	.032	-.176	-.183	.657
M = 1.10 Q = 7.700 RN = .4230										M = 1.50 Q = 8.560 RN = .3860									
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.42	-5.13	3.478	.221	.667	-4.46	-4.70	3.033	.163	-4.32	-3.29	2.116	-4.32	-3.29	2.116	.161	-4.50	-4.88	3.096	.164
-2.53	-3.80	2.718	.208	.682	-2.53	-3.80	2.718	.208	-2.57	-2.57	.164	-2.57	-2.57	.164	.150	-3.36	-3.68	2.210	.164
-1.09	-1.07	.738	.166	.694	-1.09	-1.07	.738	.166	-1.05	.085	.982	-1.05	.085	.982	.146	-1.09	-.093	.625	.162
.03	.024	-1.117	.160	.700	.03	.035	-.156	.555	.03	.035	-.156	.03	.035	-.156	.555	.05	.037	-.192	.156
.114	.169	-1.121	.185	.689	1.14	.169	-1.121	.185	1.17	.152	-.868	1.17	.152	-.868	.152	1.18	.168	-1.013	.158
.096	.086	-1.225	.295	1.957	.225	.295	-1.279	.223	.230	.276	-1.649	.230	.276	-1.649	.154	2.33	.308	-1.887	.158
.096	.086	-1.337	.421	2.759	.337	.421	-2.759	.337	.343	.411	-2.513	.343	.411	-2.513	.156	3.40	.419	-3.555	.156
.085	.085	-1.446	.571	3.613	.446	.571	-3.613	.446	4.57	.557	-3.469	4.57	.557	-3.469	.163	4.60	.570	-5.954	.164
.086	.086	-1.557	.715	4.481	.557	.715	-4.481	.557	6.85	.896	-5.408	6.85	.896	-5.408	.165	6.90	.872	-5.484	.169
.085	.085	-1.661	.881	5.348	.661	.881	-5.348	.661											

Table 10. Aerodynamic Coefficients for Configuration B1T2X3

M = .80	Q = 5.700	RM = .3810	ALP	CM	CAB	CAF	M = .90	Q = 6.520	RM = .4010	ALP	CM	CAB	CAF	M = .95	Q = 6.750	RM = .4070	ALP	CM	CAB	CAF	M = 1.00	Q = 7.090	RM = .4190	ALP	CM	CAB	CAF			
.275	.197	2.698	.273	.957	.341	.598	.428	3.423	.262	.413	.365	.240	.281	.485	.320	2.440	.485	.428	.365	.240	.281	.485	.320	2.440	.485	.428	.365	.240	.281	.485
.255	.183	2.644	.255	.949	.334	.594	.412	3.404	.254	.409	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.244	.174	2.644	.244	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385	.246	.412	.357	2.739	.256	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300	2.636	.496	.300
.228	.168	2.644	.228	.949	.334	.594	.405	3.385																						

Table 11. Aerodynamic Coefficients for Configuration B1T3X1

M = .80 Q = 5.760 RN = .3810				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190					
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF		
-0.32	-0.91	0.903	-1.96	-0.47	-0.885	6.398	-1.08	-0.77	-1.144	6.745	-0.37	1.035	
-3.39	-0.732	5.001	-1.66	-2.27	-0.821	4.458	-1.04	-0.87	-3.49	6.402	-2.22	1.036	
-2.76	-0.606	3.700	-1.63	-1.12	-0.598	2.183	-1.01	-0.81	-2.32	4.402	-2.17	1.076	
-1.11	-0.214	1.637	-1.96	1.18	-0.294	1.163	-1.05	-0.70	-1.16	1.882	-2.16	1.082	
-1.49	-0.495	7.180	-1.96	2.34	-0.503	3.589	-1.03	-0.88	1.24	-3.98	-3.079	-2.20	1.079
-2.33	-0.816	-0.332	-1.96	3.50	-0.728	5.161	-1.01	-0.70	2.43	-7.27	-5.615	-2.20	1.083
-3.44	-0.866	-0.349	-1.96	4.68	-1.036	7.498	-1.03	-0.70	3.43	1.029	-7.895	-2.22	1.084
-0.59	1.000	-7.042	-1.93	7.04	-1.870	-12.000	-1.04	-0.15	4.01	1.512	-8.911	-2.40	1.084
-0.89	1.513	-10.817	-1.92	-0.77	-0.811	4.000	-1.04	-0.14	7.19	1.045	-8.911	-2.40	1.084
-1.17	-3.16	-7.303	-1.94	-1.49	-0.997	7.544	-1.00	-0.14	-0.4	-0.4	-0.4	-2.16	1.082
									4.62	1.328	-10.121	-2.31	1.070
M = 1.05 Q = 7.000 RN = .4270				M = 1.30 Q = 8.400 RN = .4100				M = 1.50 Q = 9.900 RN = .3860					
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF		
-0.79	-1.333	10.700	-2.25	-0.79	-1.289	9.895	-2.04	-0.77	-1.144	6.745	-0.37	1.035	
-3.94	-1.029	8.721	-2.31	-0.79	-1.019	7.007	-1.92	-0.87	-3.49	6.402	-2.22	1.036	
-2.19	-0.365	2.377	-1.97	-1.15	-0.563	4.336	-1.96	-0.81	-2.32	4.402	-2.17	1.076	
-1.05	-0.121	-1.062	-2.16	-1.15	-0.219	1.705	-1.84	-0.70	-1.16	1.882	-2.16	1.082	
-1.26	-0.479	-1.076	-2.55	-1.05	-0.114	-0.833	-1.84	-0.88	1.24	-3.98	-3.079	-2.20	1.079
-2.40	-0.836	-0.800	-2.62	1.32	-0.429	3.225	-1.90	-0.70	2.43	-7.27	-5.615	-2.22	1.084
-3.40	-1.171	-0.742	-2.55	3.42	-0.749	5.321	-1.91	-0.70	3.43	1.029	-7.895	-2.40	1.084
-0.99	1.043	-11.043	-2.62	5.06	-1.045	-10.640	-2.01	-0.70	4.01	1.512	-8.911	-2.40	1.084
-7.29	2.699	-10.045	-2.62	6.79	-1.263	-10.178	-2.30	-0.14	7.19	1.045	-8.911	-2.40	1.084
-0.9	-1.122	-10.045	-2.62	-0.07	-0.078	-0.544	-2.64	-0.14	-0.4	-0.4	-0.4	-2.16	1.082
M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.950 RN = .3700				M = 3.00 Q = 4.170 RN = .5100					
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF		
-0.72	1.204	-0.444	-1.68	-0.72	1.045	-5.984	-1.95	-0.77	-1.144	6.745	-0.37	1.035	
-5.16	0.983	-0.945	-1.68	-0.72	-0.831	4.451	-1.95	-0.87	-3.49	6.402	-2.22	1.036	
-5.16	0.983	-0.945	-1.68	-0.72	-0.831	4.451	-1.95	-0.87	-3.49	6.402	-2.22	1.036	
-1.03	-0.293	-1.135	-1.74	-0.72	-0.596	2.311	-1.90	-0.81	-2.32	4.402	-2.17	1.076	
-1.43	-0.483	-1.163	-1.75	-0.72	-0.281	1.163	-1.94	-0.70	-1.16	1.882	-2.16	1.082	
-0.36	-0.868	-0.945	-1.74	-0.72	-0.153	-0.833	-1.91	-0.88	1.24	-3.98	-3.079	-2.20	1.079
-0.19	-1.14	1.233	-1.74	-0.72	-0.051	-0.722	-1.76	-0.70	2.43	-7.27	-5.615	-2.22	1.084
-0.69	-1.139	-0.913	-1.75	-0.72	-0.106	-0.722	-1.76	-0.70	3.43	1.029	-7.895	-2.40	1.084
-1.21	-1.237	-0.883	-1.75	-0.72	-0.170	-1.277	-1.76	-0.70	4.01	1.512	-8.911	-2.40	1.084
-2.27	-0.427	3.011	-1.75	-0.72	-0.241	2.404	-1.76	-0.70	7.19	1.045	-8.911	-2.40	1.084
-3.35	-0.620	5.344	-1.75	-0.72	-0.323	4.685	-1.81	-0.70	-0.4	-0.4	-0.4	-2.16	1.082
-4.35	-0.828	8.805	-1.76	-0.72	-0.427	-7.702	-2.00	-0.70	4.62	1.328	-10.121	-2.31	1.070
M = 1.75 Q = 6.000 RN = .3900				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.950 RN = .3700					
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF		
-0.72	1.371	-0.996	-1.74	-0.72	1.045	-5.984	-1.95	-0.77	-1.144	6.745	-0.37	1.035	
-5.17	1.119	8.751	-1.72	-0.72	-0.831	4.451	-1.95	-0.87	-3.49	6.402	-2.22	1.036	
-5.93	-0.893	-0.939	-1.66	-0.72	-0.596	2.311	-1.90	-0.81	-2.32	4.402	-2.17	1.076	
-1.62	-0.293	-1.135	-1.74	-0.72	-0.281	1.163	-1.94	-0.70	-1.16	1.882	-2.16	1.082	
-0.84	-0.102	-1.322	-1.75	-0.72	-0.153	-0.833	-1.91	-0.88	1.24	-3.98	-3.079	-2.20	1.079
-0.18	-0.837	-0.932	-1.75	-0.72	-0.051	-0.722	-1.76	-0.70	2.43	-7.27	-5.615	-2.22	1.084
-0.79	-1.14	1.233	-1.74	-0.72	-0.106	-0.722	-1.76	-0.70	3.43	1.029	-7.895	-2.40	1.084
-1.73	-0.745	-1.049	-1.74	-0.72	-0.170	-1.277	-1.76	-0.70	4.01	1.512	-8.911	-2.40	1.084
-1.10	-0.74	3.009	-1.73	-0.72	-0.241	2.404	-1.76	-0.70	7.19	1.045	-8.911	-2.40	1.084
-3.19	-0.94	5.264	-1.72	-0.72	-0.323	4.685	-1.81	-0.70	-0.4	-0.4	-0.4	-2.16	1.082
-0.1	-0.4	8.443	-1.66	-0.72	-0.427	-7.702	-2.00	-0.70	4.62	1.328	-10.121	-2.31	1.070
M = 3.50 Q = 3.450 RN = .3200				M = 4.00 Q = 2.850 RN = .3200				M = 4.50 Q = 2.450 RN = .3200					
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF		
-5.97	0.74	-4.309	-1.15	-5.97	0.74	-4.309	-1.15	-5.97	0.74	-4.309	-1.15		
-3.95	-0.791	-5.137	-1.15	-3.95	-0.791	-5.137	-1.15	-3.95	-0.791	-5.137	-1.15		
-3.95	-0.791	-5.137	-1.15	-3.95	-0.791	-5.137	-1.15	-3.95	-0.791	-5.137	-1.15		
-2.40	-0.287	-1.872	-1.15	-2.40	-0.287	-1.872	-1.15	-2.40	-0.287	-1.872	-1.15		
-1.30	-0.199	-1.301	-1.15	-1.30	-0.199	-1.301	-1.15	-1.30	-0.199	-1.301	-1.15		
-0.80	-0.120	-0.790	-1.20	-0.80	-0.120	-0.790	-1.20	-0.80	-0.120	-0.790	-1.20		
-2.8	-0.45	-2.291	-1.20	-2.8	-0.45	-2.291	-1.20	-2.8	-0.45	-2.291	-1.20		
-2.77	-1.119	-1.774	-1.20	-2.77	-1.119	-1.774	-1.20	-2.77	-1.119	-1.774	-1.20		
-1.26	-0.186	-1.464	-1.20	-1.26	-0.186	-1.464	-1.20	-1.26	-0.186	-1.464	-1.20		
-2.33	-0.362	-2.350	-1.20	-2.33	-0.362	-2.350	-1.20	-2.33	-0.362	-2.350	-1.20		
-3.32	-0.515	-3.353	-1.20	-3.32	-0.515	-3.353	-1.20	-3.32	-0.515	-3.353	-1.20		
-4.36	-0.684	-4.413	-1.19	-4.36	-0.684	-4.413	-1.19	-4.36	-0.684	-4.413	-1.19		

Table 12. Aerodynamic Coefficients for Configuration B1T3X2

M = 1.00 Q = 7.090 RN = +1.950									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
-4.54	-0.91	7.817	-271	-4.54	-0.91	7.817	-271	-4.54	-0.91
-3.50	-0.715	5.673	-267	-3.50	-0.715	5.673	-267	-3.50	-0.715
-2.25	-0.466	3.725	-257	-2.25	-0.466	3.725	-257	-2.25	-0.466
-1.10	-0.202	1.666	-222	-1.10	-0.202	1.666	-222	-1.10	-0.202
0.00	0.000	0.000	0.00	0.00	0.000	0.000	0.00	0.00	0.000
1.10	0.202	1.666	222	1.10	0.202	1.666	222	1.10	0.202
2.25	0.466	3.725	257	2.25	0.466	3.725	257	2.25	0.466
3.50	0.715	5.673	267	3.50	0.715	5.673	267	3.50	0.715
4.54	0.91	7.817	271	4.54	0.91	7.817	271	4.54	0.91
M = 1.50 Q = 8.560 RN = +3.860									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
-4.73	-1.132	9.085	-215	-4.73	-1.132	9.085	-215	-4.73	-1.132
-3.52	-0.818	6.593	-213	-3.52	-0.818	6.593	-213	-3.52	-0.818
-2.33	-0.516	4.160	-216	-2.33	-0.516	4.160	-216	-2.33	-0.516
-1.13	-0.210	1.815	-215	-1.13	-0.210	1.815	-215	-1.13	-0.210
0.00	0.000	0.000	0.00	0.00	0.000	0.000	0.00	0.00	0.000
1.13	0.210	1.815	215	1.13	0.210	1.815	215	1.13	0.210
2.33	0.516	4.160	216	2.33	0.516	4.160	216	2.33	0.516
3.52	0.818	6.593	213	3.52	0.818	6.593	213	3.52	0.818
4.73	1.132	9.085	215	4.73	1.132	9.085	215	4.73	1.132
M = 3.00 Q = 4.130 RN = -3100									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
6.06	1.062	-7.455	-110	6.06	1.062	-7.455	-110	6.06	1.062
5.06	-0.875	-6.176	-109	5.06	-0.875	-6.176	-109	5.06	-0.875
4.01	-0.699	-4.891	-107	4.01	-0.699	-4.891	-107	4.01	-0.699
2.94	-0.516	-3.603	-103	2.94	-0.516	-3.603	-103	2.94	-0.516
1.88	-0.335	-2.403	-101	1.88	-0.335	-2.403	-101	1.88	-0.335
0.89	-0.169	-1.072	-102	0.89	-0.169	-1.072	-102	0.89	-0.169
0.37	-0.083	-0.453	-101	0.37	-0.083	-0.453	-101	0.37	-0.083
-0.15	-0.027	-0.192	-101	-0.15	-0.027	-0.192	-101	-0.15	-0.027
-0.67	-0.114	0.819	-102	-0.67	-0.114	0.819	-102	-0.67	-0.114
-1.18	-0.200	2.055	-101	-1.18	-0.200	2.055	-101	-1.18	-0.200
-1.70	-0.286	3.260	-102	-1.70	-0.286	3.260	-102	-1.70	-0.286
-2.22	-0.376	3.671	-101	-2.22	-0.376	3.671	-101	-2.22	-0.376
-2.74	-0.464	3.878	-102	-2.74	-0.464	3.878	-102	-2.74	-0.464
-3.25	-0.548	3.871	-103	-3.25	-0.548	3.871	-103	-3.25	-0.548
-3.75	-0.625	3.725	-105	-3.75	-0.625	3.725	-105	-3.75	-0.625
-4.25	-0.725	3.471	-103	-4.25	-0.725	3.471	-103	-4.25	-0.725
-4.75	-0.825	3.117	-105	-4.75	-0.825	3.117	-105	-4.75	-0.825
M = 1.30 Q = 8.400 RN = +1.160									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
-4.50	-0.800	6.066	-222	-4.50	-0.800	6.066	-222	-4.50	-0.800
-3.35	-0.510	4.672	-220	-3.35	-0.510	4.672	-220	-3.35	-0.510
-2.20	-0.342								

Table 13. Aerodynamic Coefficients for Configuration BIT3X3

M = .80 Q = 5.700 RN = .7310				M = .90 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .3400				M = 1.05 Q = 7.400 RN = .3220				M = 1.10 Q = 7.700 RN = .3020				M = 1.15 Q = 8.000 RN = .2860				M = 1.20 Q = 8.300 RN = .2700				M = 1.25 Q = 8.600 RN = .2540				M = 1.30 Q = 8.900 RN = .2380				M = 1.35 Q = 9.200 RN = .2220				M = 1.40 Q = 9.500 RN = .2060				M = 1.45 Q = 9.800 RN = .1900				M = 1.50 Q = 10.100 RN = .1740				M = 1.55 Q = 10.400 RN = .1580				M = 1.60 Q = 10.700 RN = .1420				M = 1.65 Q = 11.000 RN = .1260				M = 1.70 Q = 11.300 RN = .1100				M = 1.75 Q = 11.600 RN = .0940				M = 1.80 Q = 11.900 RN = .0780				M = 1.85 Q = 12.200 RN = .0620				M = 1.90 Q = 12.500 RN = .0460				M = 1.95 Q = 12.800 RN = .0300				M = 2.00 Q = 13.100 RN = .0140				M = 2.05 Q = 13.400 RN = .0000				M = 2.10 Q = 13.700 RN = .0000				M = 2.15 Q = 14.000 RN = .0000				M = 2.20 Q = 14.300 RN = .0000				M = 2.25 Q = 14.600 RN = .0000				M = 2.30 Q = 14.900 RN = .0000				M = 2.35 Q = 15.200 RN = .0000				M = 2.40 Q = 15.500 RN = .0000				M = 2.45 Q = 15.800 RN = .0000				M = 2.50 Q = 16.100 RN = .0000				M = 2.55 Q = 16.400 RN = .0000				M = 2.60 Q = 16.700 RN = .0000				M = 2.65 Q = 17.000 RN = .0000				M = 2.70 Q = 17.300 RN = .0000				M = 2.75 Q = 17.600 RN = .0000				M = 2.80 Q = 17.900 RN = .0000				M = 2.85 Q = 18.200 RN = .0000				M = 2.90 Q = 18.500 RN = .0000				M = 2.95 Q = 18.800 RN = .0000				M = 3.00 Q = 19.100 RN = .0000				M = 3.05 Q = 19.400 RN = .0000				M = 3.10 Q = 19.700 RN = .0000				M = 3.15 Q = 20.000 RN = .0000				M = 3.20 Q = 20.300 RN = .0000				M = 3.25 Q = 20.600 RN = .0000				M = 3.30 Q = 20.900 RN = .0000				M = 3.35 Q = 21.200 RN = .0000				M = 3.40 Q = 21.500 RN = .0000				M = 3.45 Q = 21.800 RN = .0000				M = 3.50 Q = 22.100 RN = .0000				M = 3.55 Q = 22.400 RN = .0000				M = 3.60 Q = 22.700 RN = .0000				M = 3.65 Q = 23.000 RN = .0000				M = 3.70 Q = 23.300 RN = .0000				M = 3.75 Q = 23.600 RN = .0000				M = 3.80 Q = 23.900 RN = .0000				M = 3.85 Q = 24.200 RN = .0000				M = 3.90 Q = 24.500 RN = .0000				M = 3.95 Q = 24.800 RN = .0000				M = 4.00 Q = 25.100 RN = .0000				M = 4.05 Q = 25.400 RN = .0000				M = 4.10 Q = 25.700 RN = .0000				M = 4.15 Q = 26.000 RN = .0000				M = 4.20 Q = 26.300 RN = .0000				M = 4.25 Q = 26.600 RN = .0000				M = 4.30 Q = 26.900 RN = .0000				M = 4.35 Q = 27.200 RN = .0000				M = 4.40 Q = 27.500 RN = .0000				M = 4.45 Q = 27.800 RN = .0000				M = 4.50 Q = 28.100 RN = .0000				M = 4.55 Q = 28.400 RN = .0000				M = 4.60 Q = 28.700 RN = .0000				M = 4.65 Q = 29.000 RN = .0000				M = 4.70 Q = 29.300 RN = .0000				M = 4.75 Q = 29.600 RN = .0000				M = 4.80 Q = 29.900 RN = .0000				M = 4.85 Q = 30.200 RN = .0000				M = 4.90 Q = 30.500 RN = .0000				M = 4.95 Q = 30.800 RN = .0000				M = 5.00 Q = 31.100 RN = .0000				M = 5.05 Q = 31.400 RN = .0000				M = 5.10 Q = 31.700 RN = .0000				M = 5.15 Q = 32.000 RN = .0000				M = 5.20 Q = 32.300 RN = .0000				M = 5.25 Q = 32.600 RN = .0000				M = 5.30 Q = 32.900 RN = .0000				M = 5.35 Q = 33.200 RN = .0000				M = 5.40 Q = 33.500 RN = .0000				M = 5.45 Q = 33.800 RN = .0000				M = 5.50 Q = 34.100 RN = .0000				M = 5.55 Q = 34.400 RN = .0000				M = 5.60 Q = 34.700 RN = .0000				M = 5.65 Q = 35.000 RN = .0000				M = 5.70 Q = 35.300 RN = .0000				M = 5.75 Q = 35.600 RN = .0000				M = 5.80 Q = 35.900 RN = .0000				M = 5.85 Q = 36.200 RN = .0000				M = 5.90 Q = 36.500 RN = .0000				M = 5.95 Q = 36.800 RN = .0000				M = 6.00 Q = 37.100 RN = .0000				M = 6.05 Q = 37.400 RN = .0000				M = 6.10 Q = 37.700 RN = .0000				M = 6.15 Q = 38.000 RN = .0000				M = 6.20 Q = 38.300 RN = .0000				M = 6.25 Q = 38.600 RN = .0000				M = 6.30 Q = 38.900 RN = .0000				M = 6.35 Q = 39.200 RN = .0000				M = 6.40 Q = 39.500 RN = .0000				M = 6.45 Q = 39.800 RN = .0000				M = 6.50 Q = 40.100 RN = .0000				M = 6.55 Q = 40.400 RN = .0000				M = 6.60 Q = 40.700 RN = .0000				M = 6.65 Q = 41.000 RN = .0000				M = 6.70 Q = 41.300 RN = .0000				M = 6.75 Q = 41.600 RN = .0000				M = 6.80 Q = 41.900 RN = .0000				M = 6.85 Q = 42.200 RN = .0000				M = 6.90 Q = 42.500 RN = .0000				M = 6.95 Q = 42.800 RN = .0000				M = 7.00 Q = 43.100 RN = .0000				M = 7.05 Q = 43.400 RN = .0000				M = 7.10 Q = 43.700 RN = .0000				M = 7.15 Q = 44.000 RN = .0000				M = 7.20 Q = 44.300 RN = .0000				M = 7.25 Q = 44.600 RN = .0000				M = 7.30 Q = 44.900 RN = .0000				M = 7.35 Q = 45.200 RN = .0000				M = 7.40 Q = 45.500 RN = .0000				M = 7.45 Q = 45.800 RN = .0000				M = 7.50 Q = 46.100 RN = .0000				M = 7.55 Q = 46.400 RN = .0000				M = 7.60 Q = 46.700 RN = .0000				M = 7.65 Q = 47.000 RN = .0000				M = 7.70 Q = 47.300 RN = .0000				M = 7.75 Q = 47.600 RN = .0000				M = 7.80 Q = 47.900 RN = .0000				M = 7.85 Q = 48.200 RN = .0000				M = 7.90 Q = 48.500 RN = .0000				M = 7.95 Q = 48.800 RN = .0000				M = 8.00 Q = 49.100 RN = .0000				M = 8.05 Q = 49.400 RN = .0000				M = 8.10 Q = 49.700 RN = .0000				M = 8.15 Q = 50.000 RN = .0000				M = 8.20 Q = 50.300 RN = .0000				M = 8.25 Q = 50.600 RN = .0000				M = 8.30 Q = 50.900 RN = .0000				M = 8.35 Q = 51.200 RN = .0000				M = 8.40 Q = 51.500 RN = .0000				M = 8.45 Q = 51.800 RN = .0000				M = 8.50 Q = 52.100 RN = .0000				M = 8.55 Q = 52.400 RN = .0000				M = 8.60 Q = 52.700 RN = .0000				M = 8.65 Q = 53.000 RN = .0000				M = 8.70 Q = 53.300 RN = .0000				M = 8.75 Q = 53.600 RN = .0000				M = 8.80 Q = 53.900 RN = .0000				M = 8.85 Q = 54.200 RN = .0000				M = 8.90 Q = 54.500 RN = .0000				M = 8.95 Q = 54.800 RN = .0000				M = 9.00 Q = 55.100 RN = .0000				M = 9.05 Q = 55.400 RN = .0000				M = 9.10 Q = 55.700 RN = .0000				M = 9.15 Q = 56.000 RN = .0000				M = 9.20 Q = 56.300 RN = .0000				M = 9.25 Q = 56.600 RN = .0000				M = 9.30 Q = 56.900 RN = .0000				M = 9.35 Q = 57.200 RN = .0000				M = 9.40 Q = 57.500 RN = .0000				M = 9.45 Q = 57.800 RN = .0000				M = 9.50 Q = 58.100 RN = .0000				M = 9.55 Q = 58.400 RN = .0000				M = 9.60 Q = 58.700 RN = .0000				M = 9.65 Q = 59.000 RN = .0000				M = 9.70 Q = 59.300 RN = .0000				M = 9.75 Q = 59.600 RN = .0000				M = 9.80 Q = 59.900 RN = .0000				M = 9.85 Q = 60.200 RN = .0000				M = 9.90 Q = 60.500 RN = .0000				M = 9.95 Q = 60.800 RN = .0000				M = 10.00 Q = 61.100 RN = .0000				M = 10.05 Q = 61.400 RN = .0000				M = 10.10 Q = 61.700 RN = .0000				M = 10.15 Q = 62.000 RN = .0000				M = 10.20 Q = 62.300 RN = .0000				M = 10.25 Q = 62.600 RN = .0000				M = 10.30 Q = 62.900 RN = .0000				M = 10.35 Q = 63.200 RN = .0000				M = 10.40 Q = 63.500 RN = .0000				M = 10.45 Q = 63.800 RN = .0000				M = 10.50 Q = 64.100 RN = .0000				M = 10.55 Q = 64.400 RN = .0000				M = 10.60 Q = 64.700 RN = .0000				M = 10.65 Q = 65.000 RN = .0000				M = 10.70 Q = 65.300 RN = .0000				M = 10.75 Q = 65.600 RN = .0000			
ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN	CM	CAB	ALP	CN																																																																																																																																																																																																																																																																																																																																																																						

Table 14. Aerodynamic Coefficients for Configuration BLT4X1

M	.00			.05			.10			.15			.20			.25			.30			.35			.40			.45			.50			.55			.60			.65			.70			.75			.80			.85			.90			.95			1.00			1.05			1.10			1.15			1.20			1.25			1.30			1.35			1.40			1.45			1.50			1.55			1.60			1.65			1.70			1.75			1.80			1.85			1.90			1.95			2.00			2.05			2.10			2.15			2.20			2.25			2.30			2.35			2.40			2.45			2.50			2.55			2.60			2.65			2.70			2.75			2.80			2.85			2.90			2.95			3.00			3.05			3.10			3.15			3.20			3.25			3.30			3.35			3.40			3.45			3.50			3.55			3.60			3.65			3.70			3.75			3.80			3.85			3.90			3.95			4.00			4.05			4.10			4.15			4.20			4.25			4.30			4.35			4.40			4.45			4.50			4.55			4.60			4.65			4.70			4.75			4.80			4.85			4.90			4.95			5.00			5.05			5.10			5.15			5.20			5.25			5.30			5.35			5.40			5.45			5.50			5.55			5.60			5.65			5.70			5.75			5.80			5.85			5.90			5.95			6.00			6.05			6.10			6.15			6.20			6.25			6.30			6.35			6.40			6.45			6.50			6.55			6.60			6.65			6.70			6.75			6.80			6.85			6.90			6.95			7.00			7.05			7.10			7.15			7.20			7.25			7.30			7.35			7.40			7.45			7.50			7.55			7.60			7.65			7.70			7.75			7.80			7.85			7.90			7.95			8.00			8.05			8.10			8.15			8.20			8.25			8.30			8.35			8.40			8.45			8.50			8.55			8.60			8.65			8.70			8.75			8.80			8.85			8.90			8.95			9.00			9.05			9.10			9.15			9.20			9.25			9.30			9.35			9.40			9.45			9.50			9.55			9.60			9.65			9.70			9.75			9.80			9.85			9.90			9.95			10.00			10.05			10.10			10.15			10.20			10.25			10.30			10.35			10.40			10.45			10.50			10.55			10.60			10.65			10.70			10.75			10.80			10.85			10.90			10.95			11.00			11.05			11.10			11.15			11.20			11.25			11.30			11.35			11.40			11.45			11.50			11.55			11.60			11.65			11.70			11.75			11.80			11.85			11.90			11.95			12.00			12.05			12.10			12.15			12.20			12.25			12.30			12.35			12.40			12.45			12.50			12.55			12.60			12.65			12.70			12.75			12.80			12.85			12.90			12.95			13.00			13.05			13.10			13.15			13.20			13.25			13.30			13.35			13.40			13.45			13.50			13.55			13.60			13.65			13.70			13.75			13.80			13.85			13.90			13.95			14.00			14.05			14.10			14.15			14.20			14.25			14.30			14.35			14.40			14.45			14.50			14.55			14.60			14.65			14.70			14.75			14.80			14.85			14.90			14.95			15.00			15.05			15.10			15.15			15.20			15.25			15.30			15.35			15.40			15.45			15.50			15.55			15.60			15.65			15.70			15.75			15.80			15.85			15.90			15.95			16.00			16.05			16.10			16.15			16.20			16.25			16.30			16.35			16.40			16.45			16.50			16.55			16.60			16.65			16.70			16.75			16.80			16.85			16.90			16.95			17.00			17.05			17.10			17.15			17.20			17.25			17.30			17.35			17.40			17.45			17.50			17.55			17.60			17.65			17.70			17.75			17.80			17.85			17.90			17.95			18.00			18.05			18.10			18.15			18.20			18.25			18.30			18.35			18.40			18.45			18.50			18.55			18.60			18.65			18.70			18.75			18.80			18.85			18.90			18.95			19.00			19.05			19.10			19.15			19.20			19.25			19.30			19.35			19.40			19.45			19.50			19.55			19.60			19.65			19.70			19.75			19.80			19.85			19.90			19.95			20.00			20.05			20.10			20.15			20.20			20.25			20.30			20.35			20.40			20.45			20.50			20.55			20.60			20.65			20.70			20.75			20.80			20.85			20.90			20.95			21.00			21.05			21.10			21.15			21.20			21.25			21.30			21.35			21.40			21.45			21.50			21.55			21.60			21.65			21.70			21.75			21.80			21.85			21.90			21.95			22.00			22.05			22.10			22.15			22.20			22.25			22.30			22.35			22.40			22.45			22.50			22.55			22.60			22.65			22.70			22.75			22.80			22.85			22.90			22.95			23.00			23.05			23.10			23.15			23.20			23.25			23.30			23.35			23.40			23.45			23.50			23.55			23.60			23.65			23.70			23.75			23.80			23.85			23.90			23.95			24.00			24.05			24.10			24.15			24.20			24.25			24.30			24.35			24.40			24.45			24.50			24.55			24.60			24.65			24.70			24.75			24.80			24.85			24.90			24.95			25.00			25.05			25.10			25.15			25.20			25.25			25.30			25.35			25.40			25.45			25.50			25.55			25.60			25.65			25.70			25.75			25.80			25.85			25.90			25.95			26.00			26.05			26.10			26.15			26.20			26.25			26.30			26.35			26.40			26.45			26.50			26.55			26.60			26.65			26.70			26.75			26.80			26.85			26.90			26.95			27.00			27.05			27.10			27.15			27.20			27.25			27.30			27.35			27.40			27.45			27.50			27.55			27.60			27.65			27.70			27.75			27.80			27.85			27.90			27.95			28.00			28.05			28.10			28.15			28.20			28.25			28.30			28.35			28.40			28.45			28.50			28.55			28.60			28.65			28.70			28.75			28.80			28.85			28.90			28.95			29.00			29.05			29.10			29.15			29.20			29.25			29.30			29.35			29.40			29.45			29.50			29.55			29.60			29.65			29.70			29.75			29.80			29.85			29.90			29.95			30.00			30.05			30.10			30.15			30.20			30.25			30.30			30.35			30.40			30.45			30.50			30.55			30.60			30.65			30.70			30.75			30.80			30.85			30.90			30.95			31.00			31.05			31.10			31.15			31.20			31.25			31.30			31.35			31.40			31.45			31.50			31.55			31.60			31.65			31.70			31.75			31.80			31.85			31.90			31.95			32.00			32.05			32.10			32.15			32.20			32.25			32.30			32.35			32.40			32.45			32.50			32.55			32.60			32.65			32.70			32.75			32.80			32.85			32.90			32.95			33.00			33.05			33.10			33.15			33.20			33.25			33.30			33.35			33.40			33.45			33.50			33.55			33.60			33.65			33.70			33.75			33.80			33.85			33.90			33.95			34.00			34.05			34.10			34.15			34.20			34.25			34.30			34.35			34.40			34.45			34.50			34.55			34.60			34.65			34.70			34.75			34.80			34.85			34.90			34.95			35.00			35.05			35.10			35.15			35.20			35.25			35.30			35.35			35.40			35.45			35.50			35.55			35.60			35.65			35.70			35.75			35.80			35.85			35.90			35.95			36.00			36.05			36.10			36.15			36.20			36.25			36.30			36.35			36.40			36.45			36.50			36.55			36.60			36.65			36.70			36.75			36.80			36.85			36.90			36.95			37.00			37.05			37.10			37.15			37.20			37.25			37.30			37.35			37.40			37.45			37.50			37.55			37.60			37.65			37.70			37.75			37.80			37.85			37.90			37.95			38.00			38.05			38.10			38.15			38.20			38.25			38.30			38.35			38.40			38.45			38.50			38.55			38.60			38.65			38.70			38.75			38.80			38.85			38.90			38.95			39.00			39.05			39.10			39.15			39.20			39.25			39.30			39.35			39.40			39.45			39.50			39.55			39.60			39.65			39.70			39.75			39.80			39.85			39.90			39.95			40.00			40.05			40.10			40.15			40.20			40.25			40.30			40.35			40.40			40.45			40.50			40.55			40.60			40.65			40.70			40.75			40.80			40.85			40.90			40.95			41.00			41.05			41.10			41.15			41.20			41.25			41.30			41.35			41.40			41.45			41.50			41.55			41.60			41.65			41.70			41.75			41.80			41.85			41.90			41.95			42.00			42.05			42.10			42.15			42.20			42.25			42.30			42.35			42.40			42.45			42.50			42.55			42.60			42.65			42.70			42.75			42.80			42.85			42.90			42.95			43.00			43.05			43.10			43.15			43.20			43.25			43.30			43.35			43.40			43.45			43.50			43.55			43.60			43.65			43.70			43.75			43.80			43.85			43.90			43.95			44.00			44.05			44.10			44.15			44.20			44.25			44.30			44.35			44.40			44.45			44.50			44.55			44.60			44.65			44.70			44.75			44.80			44.85			44.90			44.95			45.00			45.05			45.10			45.15			45.20			45.25			45.30			45.35			45.40			45.45			45.50			45.55			45.60			45.65			45.70			45.75			45.80			45.85			45.90			45.95			46.00			46.05			46.10			46.15			46.20			46.25			46.30			46.35			46.40			46.45			46.50			46.55			46.60			46.65			46.70			46.75			46.80			46.85			46.90			46.95			47.00			47.05			47.10			47.15			47.20			47.25			47.30			47.35			47.40			47.45			47.50			47.55			47.60			47.65			47.70			47.75			47.80			47.85			47.90			47.95			48.00			48.05			48.10			48.15			48.20			48.25			48.30			48.35			48		
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Table 15. Aerodynamic Coefficients for Configuration BLT4X2

[illegible]

Table 16. Aerodynamic Coefficients for Configuration BLT4X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.320 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.32	-7.58	6.139	.303	-0.37	-9.69	6.350	.297	-0.37	-7.38	5.964	.285	-0.39	-7.22	6.094	.326
-3.23	-5.36	4.305	.289	-3.27	-7.03	6.032	.275	-3.27	-5.23	4.203	.276	-3.29	-5.24	4.295	.317
-1.06	-3.12	2.997	.269	-2.17	-4.31	3.674	.250	-2.17	-3.40	2.106	.240	-1.08	-2.12	1.130	.309
-1.02	-0.85	-7.72	.249	-1.07	-1.66	1.182	.226	-1.02	-1.10	.323	.254	-1.02	-0.65	-3.74	.301
1.11	-0.86	-2.444	.229	1.03	-0.79	-3.331	.238	1.12	.217	-1.721	.257	1.13	.262	-1.946	.301
2.16	-0.91	-5.036	.276	2.22	.592	-7.309	.263	2.22	.608	-3.253	.285	2.23	.641	-5.576	.309
3.27	.691	-3.705	.301	3.32	.865	-7.309	.289	3.31	.810	-4.902	.274	3.34	.850	-5.298	.319
4.36	.917	-7.959	.321	4.43	1.132	-9.783	.312	4.41	.822	-6.463	.286	4.44	.867	-7.085	.336
6.36	1.917	-1.167	.326	6.43	1.635	-14.047	.337	6.43	1.296	-10.810	.322	6.46	1.867	-13.296	.346
.02	.082	-1.747	.266	.03	-1.984	8.971	.295	.03	-1.749	6.039	.282	.03	-1.750	6.107	.329
M = 1.05 Q = 7.440 RN = .4270				M = 1.10 Q = 7.700 RN = .4230				M = 1.20 Q = 8.190 RN = .4320				M = 1.30 Q = 8.400 RN = .4100			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.41	-0.95	6.438	.345	-0.44	-0.71	7.302	.372	-0.47	.034	-2.256	.271	-0.50	-0.92	8.462	.314
-2.19	-3.77	3.072	.335	-2.20	-0.40	5.376	.353	-2.47	-0.34	7.822	.366	-3.36	-7.15	6.185	.306
-1.08	-1.53	3.076	.321	-2.09	-1.00	1.816	.312	-3.34	-0.91	5.901	.326	-1.08	-1.85	1.639	.283
.03	.081	-5.507	.313	1.03	.053	-6.23	.303	-1.06	-1.97	1.137	.273	.05	.069	-5.34	.290
1.16	.280	-2.163	.316	1.14	.267	-2.222	.312	1.17	.304	-2.520	.302	1.18	.323	-2.710	.297
2.24	.664	-3.813	.331	2.25	.668	-6.160	.331	2.29	.547	-4.568	.302	2.32	.585	-4.952	.314
3.25	.913	-7.941	.345	3.30	.765	-8.231	.353	3.41	.785	-8.596	.334	3.46	.846	-7.171	.318
4.71	1.399	-11.555	.403	4.75	.975	-8.144	.366	4.55	1.032	-8.632	.371	4.61	1.111	-13.396	.427
.04	.011	6.657	.344	.05	-1.457	7.123	.369	.03	-1.521	-12.486	.275	.05	.060	-7.654	.291
3.35	.670	-5.523	.343												
M = 1.50 Q = 8.560 RN = .3840				M = 1.75 Q = 6.200 RN = .3640				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.52	-0.16	7.727	.274	0.27	1.198	-0.472	.214	0.09	1.065	-8.339	.170	0.06	.964	-7.186	.114
-3.37	-0.73	5.703	.275	0.25	.995	-0.083	.213	2.06	.880	-4.460	.165	3.04	.796	-5.971	.112
-2.24	-0.56	3.717	.294	0.17	.591	-0.426	.207	3.01	.517	-4.118	.158	2.07	.450	-2.646	.100
-1.10	-0.200	1.728	.306	2.14	.395	-2.320	.202	1.94	.335	-2.612	.156	1.93	.294	-2.243	.104
.03	.042	-2.327	.308	1.88	.293	-2.396	.200	1.43	.242	-1.912	.154	1.39	.210	-1.592	.107
2.17	.533	-4.464	.298	1.89	.286	-1.629	.199	.91	.153	-1.216	.155	.68	.133	-1.010	.108
3.45	.779	-8.517	.270	.05	.010	-0.776	.194	.36	.064	-1.534	.154	.34	.055	-0.420	.108
4.66	1.027	-9.512	.275	.04	-0.91	.754	.194	.13	.022	-1.174	.154	.15	-.023	-1.177	.107
6.93	1.551	-12.853	.299	-1.01	-1.87	1.523	.200	-1.16	-1.99	1.561	.155	-.06	-.101	1.397	.104
.03	.039	-2.269	.316	-1.52	.281	2.899	.205	-1.49	.287	2.272	.194	-1.70	.380	1.972	.109
				-2.03	.377	3.078	.209	-2.21	.376	2.976	.161	-2.20	.338	2.552	.110
				-3.49	.948	6.216	.214	-3.20	.843	4.272	.166	-3.20	.492	3.691	.109
				-0.87	-1.86	8.223	.219	-0.23	-1.78	5.706	.166	-0.24	-.637	4.920	.109
M = 3.00 Q = 4.130 RN = .3100				M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200							
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF				
3.92	.971	-0.167	.087	0.06	.794	-2.304	.054	5.88	.762	-5.019	.050				
4.93	.713	-3.080	.086	4.05	.667	-0.344	.053	4.68	.613	-0.044	.050				
3.90	.554	3.072	.085	3.95	.564	-2.367	.053	3.87	.577	-3.192	.050				
2.84	.402	-2.802	.083	2.91	.370	-2.324	.055	2.84	.346	-2.336	.050				
1.84	.257	-1.184	.081	1.89	.249	-1.426	.056	1.83	.224	-1.517	.051				
1.76	.109	-7.790	.081	1.84	.184	-1.434	.056	1.30	.156	-1.052	.051				
.26	.034	-2.26	.081	.06	.164	-1.708	.060	.78	.091	-.314	.051				
-2.4	-.032	.234	.081	.33	.042	-.294	.062	.28	.025	-.168	.052				
-7.4	-.103	.767	.081	.14	-.018	-.121	.063	.21	-.025	.148	.052				
-1.26	-.176	1.263	.081	.07	-.080	.135	.064	-.73	-.086	.990	.052				
-1.76	-.254	1.267	.082	-1.17	-.146	1.979	.064	-1.24	-.145	.983	.052				
-2.76	-.441	3.267	.083	-1.67	-.259	1.975	.085	-1.74	-.266	1.399	.052				
-4.32	-.613	4.363	.084	-3.17	-.508	2.682	.084	-2.26	-.274	1.891	.052				
				-0.87	-1.86	8.223	.219	-0.23	-1.78	5.706	.166				

Table 17. Aerodynamic Coefficients for Configuration BLT4X4

M = .00		M = .05		M = .10		M = .15		M = .20		M = .25		M = .30		M = .35		M = .40		M = .45		M = .50		M = .55		M = .60		M = .65		M = .70		M = .75		M = .80		M = .85		M = .90		M = .95		M = 1.00		M = 1.05		M = 1.10		M = 1.15		M = 1.20		M = 1.25		M = 1.30		M = 1.35		M = 1.40		M = 1.45		M = 1.50		M = 1.55		M = 1.60		M = 1.65		M = 1.70		M = 1.75		M = 1.80		M = 1.85		M = 1.90		M = 1.95		M = 2.00		M = 2.05		M = 2.10		M = 2.15		M = 2.20		M = 2.25		M = 2.30		M = 2.35		M = 2.40		M = 2.45		M = 2.50		M = 2.55		M = 2.60		M = 2.65		M = 2.70		M = 2.75		M = 2.80		M = 2.85		M = 2.90		M = 2.95		M = 3.00		M = 3.05		M = 3.10		M = 3.15		M = 3.20		M = 3.25		M = 3.30		M = 3.35		M = 3.40		M = 3.45		M = 3.50		M = 3.55		M = 3.60		M = 3.65		M = 3.70		M = 3.75		M = 3.80		M = 3.85		M = 3.90		M = 3.95		M = 4.00		M = 4.05		M = 4.10		M = 4.15		M = 4.20		M = 4.25		M = 4.30		M = 4.35		M = 4.40		M = 4.45		M = 4.50		M = 4.55		M = 4.60		M = 4.65		M = 4.70		M = 4.75		M = 4.80		M = 4.85		M = 4.90		M = 4.95		M = 5.00		M = 5.05		M = 5.10		M = 5.15		M = 5.20		M = 5.25		M = 5.30		M = 5.35		M = 5.40		M = 5.45		M = 5.50		M = 5.55		M = 5.60		M = 5.65		M = 5.70		M = 5.75		M = 5.80		M = 5.85		M = 5.90		M = 5.95		M = 6.00		M = 6.05		M = 6.10		M = 6.15		M = 6.20		M = 6.25		M = 6.30		M = 6.35		M = 6.40		M = 6.45		M = 6.50		M = 6.55		M = 6.60		M = 6.65		M = 6.70		M = 6.75		M = 6.80		M = 6.85		M = 6.90		M = 6.95		M = 7.00		M = 7.05		M = 7.10		M = 7.15		M = 7.20		M = 7.25		M = 7.30		M = 7.35		M = 7.40		M = 7.45		M = 7.50		M = 7.55		M = 7.60		M = 7.65		M = 7.70		M = 7.75		M = 7.80		M = 7.85		M = 7.90		M = 7.95		M = 8.00		M = 8.05		M = 8.10		M = 8.15		M = 8.20		M = 8.25		M = 8.30		M = 8.35		M = 8.40		M = 8.45		M = 8.50		M = 8.55		M = 8.60		M = 8.65		M = 8.70		M = 8.75		M = 8.80		M = 8.85		M = 8.90		M = 8.95		M = 9.00		M = 9.05		M = 9.10		M = 9.15		M = 9.20		M = 9.25		M = 9.30		M = 9.35		M = 9.40		M = 9.45		M = 9.50		M = 9.55		M = 9.60		M = 9.65		M = 9.70		M = 9.75		M = 9.80		M = 9.85		M = 9.90		M = 9.95		M = 10.00		M = 10.05		M = 10.10		M = 10.15		M = 10.20		M = 10.25		M = 10.30		M = 10.35		M = 10.40		M = 10.45		M = 10.50		M = 10.55		M = 10.60		M = 10.65		M = 10.70		M = 10.75		M = 10.80		M = 10.85		M = 10.90		M = 10.95		M = 11.00		M = 11.05		M = 11.10		M = 11.15		M = 11.20		M = 11.25		M = 11.30		M = 11.35		M = 11.40		M = 11.45		M = 11.50		M = 11.55		M = 11.60		M = 11.65		M = 11.70		M = 11.75		M = 11.80		M = 11.85		M = 11.90		M = 11.95		M = 12.00		M = 12.05		M = 12.10		M = 12.15		M = 12.20		M = 12.25		M = 12.30		M = 12.35		M = 12.40		M = 12.45		M = 12.50		M = 12.55		M = 12.60		M = 12.65		M = 12.70		M = 12.75		M = 12.80		M = 12.85		M = 12.90		M = 12.95		M = 13.00		M = 13.05		M = 13.10		M = 13.15		M = 13.20		M = 13.25		M = 13.30		M = 13.35		M = 13.40		M = 13.45		M = 13.50		M = 13.55		M = 13.60		M = 13.65		M = 13.70		M = 13.75		M = 13.80		M = 13.85		M = 13.90		M = 13.95		M = 14.00		M = 14.05		M = 14.10		M = 14.15		M = 14.20		M = 14.25		M = 14.30		M = 14.35		M = 14.40		M = 14.45		M = 14.50		M = 14.55		M = 14.60		M = 14.65		M = 14.70		M = 14.75		M = 14.80		M = 14.85		M = 14.90		M = 14.95		M = 15.00		M = 15.05		M = 15.10		M = 15.15		M = 15.20		M = 15.25		M = 15.30		M = 15.35		M = 15.40		M = 15.45		M = 15.50		M = 15.55		M = 15.60		M = 15.65		M = 15.70		M = 15.75		M = 15.80		M = 15.85		M = 15.90		M = 15.95		M = 16.00		M = 16.05		M = 16.10		M = 16.15		M = 16.20		M = 16.25		M = 16.30		M = 16.35		M = 16.40		M = 16.45		M = 16.50		M = 16.55		M = 16.60		M = 16.65		M = 16.70		M = 16.75		M = 16.80		M = 16.85		M = 16.90		M = 16.95		M = 17.00		M = 17.05		M = 17.10		M = 17.15		M = 17.20		M = 17.25		M = 17.30		M = 17.35		M = 17.40		M = 17.45		M = 17.50		M = 17.55		M = 17.60		M = 17.65		M = 17.70		M = 17.75		M = 17.80		M = 17.85		M = 17.90		M = 17.95		M = 18.00		M = 18.05		M = 18.10		M = 18.15		M = 18.20		M = 18.25		M = 18.30		M = 18.35		M = 18.40		M = 18.45		M = 18.50		M = 18.55		M = 18.60		M = 18.65		M = 18.70		M = 18.75		M = 18.80		M = 18.85		M = 18.90		M = 18.95		M = 19.00		M = 19.05		M = 19.10		M = 19.15		M = 19.20		M = 19.25		M = 19.30		M = 19.35		M = 19.40		M = 19.45		M = 19.50		M = 19.55		M = 19.60		M = 19.65		M = 19.70		M = 19.75		M = 19.80		M = 19.85		M = 19.90		M = 19.95		M = 20.00		M = 20.05		M = 20.10		M = 20.15		M = 20.20		M = 20.25		M = 20.30		M = 20.35		M = 20.40		M = 20.45		M = 20.50		M = 20.55		M = 20.60		M = 20.65		M = 20.70		M = 20.75		M = 20.80		M = 20.85		M = 20.90		M = 20.95		M = 21.00		M = 21.05		M = 21.10		M = 21.15		M = 21.20		M = 21.25		M = 21.30		M = 21.35		M = 21.40		M = 21.45		M = 21.50		M = 21.55		M = 21.60		M = 21.65		M = 21.70		M = 21.75		M = 21.80		M = 21.85		M = 21.90		M = 21.95		M = 22.00		M = 22.05		M = 22.10		M = 22.15		M = 22.20		M = 22.25		M = 22.30		M = 22.35		M = 22.40		M = 22.45		M = 22.50		M = 22.55		M = 22.60		M = 22.65		M = 22.70		M = 22.75		M = 22.80		M = 22.85		M = 22.90		M = 22.95		M = 23.00		M = 23.05		M = 23.10		M = 23.15		M = 23.20		M = 23.25		M = 23.30		M = 23.35		M = 23.40		M = 23.45		M = 23.50		M = 23.55		M = 23.60		M = 23.65		M = 23.70		M = 23.75		M = 23.80		M = 23.85		M = 23.90		M = 23.95		M = 24.00		M = 24.05		M = 24.10		M = 24.15		M = 24.20		M = 24.25		M = 24.30		M = 24.35		M = 24.40		M = 24.45		M = 24.50		M = 24.55		M = 24.60		M = 24.65		M = 24.70		M = 24.75		M = 24.80		M = 24.85		M = 24.90		M = 24.95		M = 25.00		M = 25.05		M = 25.10		M = 25.15		M = 25.20		M = 25.25		M = 25.30		M = 25.35		M = 25.40		M = 25.45		M = 25.50		M = 25.55		M = 25.60		M = 25.65		M = 25.70		M = 25.75		M = 25.80		M = 25.85		M = 25.90		M = 25.95		M = 26.00		M = 26.05		M = 26.10		M = 26.15		M = 26.20		M = 26.25		M = 26.30		M = 26.35		M = 26.40		M = 26.45		M = 26.50		M = 26.55		M = 26.60		M = 26.65		M = 26.70		M = 26.75		M = 26.80		M = 26.85		M = 26.90		M = 26.95		M = 27.00		M = 27.05		M = 27.10		M = 27.15		M = 27.20		M = 27.25		M = 27.30		M = 27.35		M = 27.40		M = 27.45		M = 27.50		M = 27.55		M = 27.60		M = 27.65		M = 27.70		M = 27.75		M = 27.80		M = 27.85		M = 27.90		M = 27.95		M = 28.00		M = 28.05		M = 28.10		M = 28.15		M = 28.20		M = 28.25		M = 28.30		M = 28.35		M = 28.40		M = 28.45		M = 28.50		M = 28.55		M = 28.60		M = 28.65		M = 28.70		M = 28.75		M = 28.80		M = 28.85		M = 28.90		M = 28.95		M = 29.00		M = 29.05		M = 29.10		M = 29.15		M = 29.20		M = 29.25		M = 29.30		M = 29.35		M = 29.40		M = 29.45		M = 29.50		M = 29.55		M = 29.60		M = 29.65		M = 29.70		M = 29.75		M = 29.80		M = 29.85		M = 29.90		M = 29.95		M = 30.00		M = 30.05		M = 30.10		M = 30.15		M = 30.20		M = 30.25		M = 30.30		M = 30.35		M = 30.40		M = 30.45		M = 30.50		M = 30.55		M = 30.60		M = 30.65		M = 30.70		M = 30.75		M = 30.80		M = 30.85		M = 30.90		M = 30.95		M = 31.00		M = 31.05		M = 31.10		M = 31.15		M = 31.20		M = 31.25		M = 31.30		M = 31.35		M = 31.40		M = 31.45		M = 31.50		M = 31.55		M = 31.60		M = 31.65		M = 31.70		M = 31.75		M = 31.80		M = 31.85		M = 31.90		M = 31.95		M = 32.00		M = 32.05		M = 32.10		M = 32.15		M = 32.20		M = 32.25		M = 32.30		M = 32.35		M = 32.40		M = 32.45		M = 32.50		M = 32.55		M = 32.60		M = 32.65		M = 32.70		M = 32.75		M = 32.80		M = 32.85		M = 32.90		M = 32.95		M = 33.00		M = 33.05		M = 33.10		M = 33.15		M = 33.20		M = 33.25		M = 33.30		M = 33.35		M = 33.40		M = 33.45		M = 33.50		M = 33.55		M = 33.60		M = 33.65		M = 33.70		M = 33.75		M = 33.80		M = 33.85		M = 33.90		M = 33.95		M = 34.00		M = 34.05		M = 34.10		M = 34.15		M = 34.20		M = 34.25		M = 34.30		M = 34.35		M = 34.40		M = 34.45		M = 34.50		M = 34.55		M = 34.60		M = 34.65		M = 34.70		M = 34.75		M = 34.80		M = 34.85		M = 34.90		M = 34.95		M = 35.00		M = 35.05		M = 35.10		M = 35.15		M = 35.20		M = 35.25		M = 35.30		M = 35.35		M = 35.40		M = 35.45		M = 35.50		M = 35.55		M = 35.60		M = 35.65		M = 35.70		M = 35.75		M = 35.80		M = 35.85		M = 35.90		M = 35.95		M = 36.00		M = 36.05		M = 36.10		M = 36.15		M = 36.20		M = 36.25		M = 36.30		M = 36.35		M = 36.40		M = 36.45		M = 36.50		M = 36.55		M = 36.60		M = 36.65		M = 36.70		M = 36.75		M = 36.80		M = 36.85		M = 36.90		M = 36.95		M = 37.00		M = 37.05		M = 37.10		M = 37.15		M = 37.20		M = 37.25		M = 37.30		M = 37.35		M = 37.40		M = 37.45		M = 37.50		M = 37.55		M = 37.60		M = 37.65		M = 37.70		M = 37.75		M = 37.80		M = 37.85		M = 37.90		M = 37.95		M = 38.00		M = 38.05		M = 38.10		M = 38.15		M = 38.20		M = 38.25		M = 38.30		M = 38.35		M = 38.40		M = 38.45		M = 38.50		M = 38.55		M = 38.60		M = 38.65		M = 38.70		M = 38.75		M = 38.80		M = 38.85		M = 38.90		M = 38.95		M = 39.00		M = 39.05		M = 39.10		M = 39.15		M = 39.20		M = 39.25		M = 39.30		M = 39.35		M = 39.4	
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Table 18. Aerodynamic Coefficients for Configuration B2T4X1

M = .00 Q = 5.700 RN = .3310				M = .00 Q = 6.520 RN = .4010				M = .05 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.40	-7.737	5.307	.075	-4.45	-7.600	5.044	.052	-4.51	-8.016	7.134	.150	-4.56	-8.097	7.492	.190
-3.26	-5.500	3.671	.070	-3.32	-5.553	3.140	.040	-3.37	-5.660	5.141	.147	-3.39	-5.684	5.371	.174
-2.17	-3.303	2.153	.070	-2.20	-3.351	2.043	.043	-2.22	-3.351	2.031	.146	-2.23	-3.362	2.025	.181
-1.07	-1.116	.936	.060	-1.08	-1.130	.938	.061	-1.09	-1.155	1.204	.151	-1.09	-1.150	1.146	.169
0.03	0.000	0.000	.000	0.03	0.000	0.000	.000	0.03	0.000	0.000	.000	0.03	0.000	0.000	.000
1.13	2.755	-1.494	.046	1.17	2.755	-1.494	.046	1.17	2.755	-1.494	.046	1.17	2.755	-1.494	.046
2.24	4.448	-3.253	.071	2.29	4.479	-3.340	.064	2.30	4.507	-3.439	.065	2.32	4.515	-3.443	.067
3.34	6.71	-4.954	.072	3.41	6.779	-5.030	.081	3.44	6.751	-5.126	.080	3.45	6.760	-5.121	.081
4.47	8.990	-6.350	.077	4.55	8.947	-7.111	.081	4.56	8.974	-7.413	.080	4.55	8.974	-7.413	.080
5.60	11.261	-7.553	.087	5.65	11.265	-7.447	.083	5.63	11.233	-7.602	.082	5.67	11.262	-7.615	.082
.03	.053	-1.377	.046	1.17	.303	-2.310	.061	.03	.050	-1.362	.146	.03	.051	-1.362	.146
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.760 RN = .4230				M = 1.30 Q = 8.400 RN = .4140				M = 1.50 Q = 8.560 RN = .3860			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.37	-8.000	7.749	.195	-4.39	-8.037	7.300	.185	-4.49	-8.933	7.093	.140	-4.67	-8.813	5.930	.140
-3.51	-5.495	5.215	.193	-3.56	-5.517	5.257	.188	-3.50	-5.672	5.110	.134	-3.49	-5.657	5.366	.136
-2.51	-3.252	3.152	.175	-2.55	-3.257	3.152	.180	-2.51	-3.257	3.152	.138	-2.51	-3.257	3.152	.138
-1.50	-1.152	1.142	.176	-1.50	-1.160	1.215	.151	-1.51	-1.160	1.215	.097	-1.51	-1.176	1.203	.134
.03	.051	-1.405	.176	.03	.041	-1.316	.152	.03	.044	-1.483	.140	.03	.038	-1.280	.134
1.17	2.755	-1.494	.046	1.10	2.64	-2.040	.150	1.24	3.07	-2.201	.139	1.21	2.57	-1.870	.135
2.23	5.15	-3.952	.083	2.34	5.24	-4.022	.085	2.42	5.55	-4.170	.142	2.39	5.470	-4.513	.083
3.04	6.822	-5.056	.090	3.49	7.06	-5.491	.104	3.61	8.01	-6.024	.143	3.57	8.00	-6.024	.136
4.46	10.800	-8.440	.111	4.46	10.816	-7.816	.109	4.60	10.951	-7.877	.145	4.76	10.911	-8.922	.140
5.60	13.267	-10.507	.120	5.60	13.267	-10.507	.120	5.60	13.267	-10.507	.120	5.60	13.267	-10.507	.120
1.17	2.755	-1.494	.046	1.10	2.755	-1.494	.046	1.10	2.755	-1.494	.046	1.10	2.755	-1.494	.046
M = 1.75 Q = 8.200 RN = .3400				M = 2.00 Q = 8.950 RN = .3400				M = 2.50 Q = 4.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.21	-8.08	-4.032	.126	-4.25	-8.08	-4.032	.126	-4.10	-8.00	-5.516	.098	-4.01	-8.02	-5.163	.074
5.10	.015	-5.634	.120	5.10	.015	-5.634	.120	5.06	.070	-5.499	.097	4.99	.068	-5.412	.073
4.12	3.30	-4.439	.116	4.07	3.30	-4.439	.116	4.03	.550	-5.257	.096	3.96	.527	-5.325	.071
3.06	2.72	-3.275	.117	3.02	2.72	-3.275	.116	2.99	.540	-5.170	.100	2.92	.533	-5.436	.069
2.02	1.00	-2.144	.117	1.97	1.00	-2.144	.117	1.94	.540	-5.170	.101	1.89	.544	-5.556	.067
1.46	.271	-1.491	.117	1.42	.271	-1.491	.118	.89	.116	-7.751	.102	1.35	.177	-1.125	.067
.44	.003	-1.117	.117	.40	.003	-1.117	.118	.34	.048	-3.000	.103	.84	.107	-1.077	.066
.09	.013	.002	.117	.04	.013	.002	.119	.14	.019	-1.125	.103	.04	.019	-1.077	.066
-4.21	-8.08	-4.032	.126	-4.25	-8.08	-4.032	.126	-4.10	-8.00	-5.516	.098	-4.01	-8.02	-5.163	.074
-1.15	-1.74	1.210	.110	-1.10	-1.74	1.210	.110	-1.20	-1.74	1.210	.103	-1.20	-1.74	1.210	.103
-1.67	-2.95	1.767	.110	-1.69	-2.95	1.767	.110	-1.70	-2.95	1.767	.103	-1.70	-2.95	1.767	.103
-2.16	-4.33	2.960	.110	-2.19	-4.33	2.960	.110	-2.20	-4.33	2.960	.103	-2.20	-4.33	2.960	.103
-2.71	-6.71	4.332	.110	-2.73	-6.71	4.332	.110	-2.74	-6.71	4.332	.103	-2.74	-6.71	4.332	.103
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200				M = 5.00 Q = 2.450 RN = .3200				M = 5.50 Q = 2.450 RN = .3200			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
3.91	.767	-3.004	.035	3.90	.753	-3.070	.022	3.90	.753	-3.070	.022	3.90	.753	-3.070	.022
4.90	.619	-2.783	.034	5.01	.615	-3.719	.022	5.01	.615	-3.719	.022	5.01	.615	-3.719	.022
3.66	.642	-2.616	.034	3.67	.642	-2.616	.022	3.67	.642	-2.616	.022	3.67	.642	-2.616	.022
2.84	.646	-2.138	.033	2.87	.646	-2.138	.022	2.87	.646	-2.138	.022	2.87	.646	-2.138	.022
1.84	.222	-1.365	.033	1.86	.225	-1.369	.022	1.86	.225	-1.369	.022	1.86	.225	-1.369	.022
1.30	.155	-.951	.033	1.31	.155	-.951	.022	1.31	.155	-.951	.022	1.31	.155	-.951	.022
.41	.006	-.751	.033	.41	.006	-.751	.022	.41	.006	-.751	.022	.41	.006	-.751	.022
.21	.006	-.751	.033	.21	.006	-.751	.022	.21	.006	-.751	.022	.21	.006	-.751	.022
-1.23	-1.44	.900	.033	-1.23	-1.44	.900	.022	-1.23	-1.44	.900	.022	-1.23	-1.44	.900	.022
-1.73	-2.03	1.265	.033	-1.73	-2.03	1.265	.022	-1.73	-2.03	1.265	.022	-1.73	-2.03	1.265	.022
-2.24	-2.67	1.636	.033	-2.24	-2.67	1.636	.022	-2.24	-2.67	1.636	.022	-2.24	-2.67	1.636	.022
-2.74	-3.30	2.381	.033	-2.74	-3.30	2.381	.022	-2.74	-3.30	2.381	.022	-2.74	-3.30	2.381	.022
-3.24	-3.92	3.151	.033	-3.24	-3.92	3.151	.022	-3.24	-3.92	3.151	.022	-3.24	-3.92	3.151	.022

Table 19. Aerodynamic Coefficients for Configuration B2T4X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-0.33	-0.50	4.098	.053	-0.39	-0.715	5.574	.119	-0.43	-0.782	6.233	.213
-0.28	-0.57	3.487	.149	-0.27	-0.640	3.775	.116	-0.43	-0.781	6.220	.213
-2.15	-0.65	1.924	.142	-0.27	-0.640	3.775	.116	-0.43	-0.781	6.220	.213
-1.05	-0.72	.633	.075	-1.07	-1.184	2.428	.159	-0.31	-0.951	5.289	.056
.03	.103	.927	.140	.03	.065	.543	.107	.03	.112	2.863	.204
1.12	.304	-2.492	.142	1.13	.258	-2.934	.107	1.01	.019	-.990	.199
2.22	.500	-4.003	.080	2.24	.458	-3.993	.104	1.14	.281	-2.085	.202
3.31	.696	-5.537	.167	3.35	.649	-5.255	.112	2.26	.480	-3.832	.201
4.41	.891	-7.103	.074	4.46	.857	-6.496	.157	3.39	.705	-5.622	.202
5.51	1.085	-8.685	.053	5.57	1.509	-12.064	.207	4.51	.894	-7.056	.204
				6.67	.953	-7.423	.124	6.75	1.308	-10.257	.230
M = 1.05 Q = 7.400 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.20 Q = 8.400 RN = .4140			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-0.45	-0.787	6.257	.216	-0.48	-0.807	6.634	.207	-0.57	-0.864	6.890	.167
-3.32	-0.863	4.776	.206	-3.34	-0.881	4.636	.203	-3.41	-0.913	4.876	.163
-2.26	-0.946	2.736	.045	-2.21	-0.957	2.838	.204	-2.25	-0.973	2.978	.162
-1.08	-1.135	1.002	.283	-1.08	-1.142	1.134	.205	-1.10	-1.150	1.210	.162
.03	.044	-3.567	.284	.02	.034	-.278	.205	.05	.067	-.519	.163
1.14	.282	-1.917	.285	1.14	.233	-1.821	.207	1.21	.294	-2.297	.164
2.27	.462	-3.400	.287	2.28	.440	-3.439	.209	2.36	.522	-4.106	.165
3.36	.643	-4.935	.210	3.42	.606	-5.463	.212	3.49	.764	-6.048	.168
4.45	.829	-6.472	.216	4.55	.826	-7.351	.216	4.64	.951	-8.028	.171
5.53	1.010	-8.007	.230	5.63	1.375	-10.871	.299	6.04	1.021	-9.083	.175
6.60	1.190	-9.545	.244	6.71	1.558	-12.451	.284	7.02	1.361	-10.356	.181
-1.08	-1.136	1.002	.284	-0.21	-.358	2.951	.204	-0.26	-.374	2.992	.162
				.03	.037	-.278	.205				
M = 1.25 Q = 8.200 RN = .3400				M = 1.50 Q = 9.950 RN = .3400				M = 2.50 Q = 4.950 RN = .3200			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
0.09	.095	-7.319	.154	0.03	.063	-6.079	.124	0.05	.930	-6.515	.083
5.07	.019	-0.051	.334	5.00	.089	-5.746	.118	5.01	.758	-5.354	.081
4.02	.039	-4.730	.153	3.97	.086	-4.499	.118	3.97	.595	-4.224	.077
2.97	.049	-3.483	.140	2.91	.049	-3.300	.117	2.92	.595	-3.103	.075
1.93	.083	-2.263	.144	1.87	.289	-2.129	.118	1.89	.281	-2.018	.073
1.39	.116	-1.544	.146	1.34	.205	-1.503	.117	1.35	.199	-1.420	.071
.44	.130	-.945	.145	.82	.125	-.919	.117	.83	.122	-.876	.069
.33	.051	-.379	.144	.28	.044	-.325	.118	.30	.045	-.323	.069
-.18	-.027	.289	.146	-.22	-.034	.233	.118	-.19	-.029	.206	.069
-.76	-.186	1.406	.157	-.76	-.117	.854	.120	-.73	-.107	.772	.070
-1.22	-.270	2.614	.167	-1.26	-.192	1.414	.120	-1.24	-.183	1.310	.071
-1.74	-.375	3.816	.168	-1.78	-.274	2.001	.121	-1.77	-.262	1.865	.072
-2.25	-.483	5.016	.168	-2.32	-.357	2.600	.121	-2.27	-.336	2.369	.074
-2.76	-.596	6.216	.168	-3.33	-.510	3.705	.124	-3.28	-.484	3.422	.077
-3.32	-.699	7.378	.164	-4.37	-.676	4.904	.127	-4.32	-.645	4.942	.079
M = 3.00 Q = 4.130 RN = .3100				M = 4.50 Q = 2.450 RN = .3200				M = 6.50 Q = 2.450 RN = .3200			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
5.93	.854	-5.740	.057	5.01	.739	-4.640	.025	5.01	.739	-4.640	.025
4.90	.694	-4.705	.056	4.82	.598	-3.790	.025	4.82	.598	-3.790	.025
3.88	.543	-3.686	.055	3.79	.459	-2.906	.025	3.79	.459	-2.906	.025
2.84	.389	-2.653	.053	2.77	.331	-2.104	.025	2.77	.331	-2.104	.025
1.82	.248	-1.608	.052	1.76	.204	-1.307	.025	1.76	.204	-1.307	.025
1.27	.174	-1.185	.051	1.23	.136	-.875	.025	1.23	.136	-.875	.025
.77	.104	-.711	.050	.72	.072	-.515	.024	.72	.072	-.515	.024
.23	.032	-.224	.050	.23	.031	-.153	.024	.23	.031	-.153	.024
-.25	-.033	.228	.050	-.25	-.033	.224	.024	-.25	-.033	.224	.024
-.78	-.108	.738	.050	-.78	-.108	.738	.024	-.78	-.108	.738	.024
-1.29	-.175	1.202	.051	-1.24	-.183	1.310	.071	-1.24	-.183	1.310	.071
-1.81	-.244	1.675	.051	-1.77	-.262	1.865	.072	-1.77	-.262	1.865	.072
-2.31	-.314	2.139	.052	-2.27	-.336	2.369	.074	-2.27	-.336	2.369	.074
-2.82	-.382	2.600	.053	-3.28	-.484	3.422	.077	-3.28	-.484	3.422	.077
-3.32	-.454	3.080	.053	-4.32	-.645	4.942	.079	-4.32	-.645	4.942	.079
-4.35	-.604	4.087	.053								

Table 20. Aerodynamic Coefficients for Configuration B2T4X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.29	-773	6.486	.230	-4.32	-780	6.410	.212	-4.29	-822	5.049	.238	-4.35	-700	5.773	.286
-2.21	-563	6.746	.219	-2.22	-561	6.772	.229	-2.23	-511	3.273	.232	-3.24	-477	3.900	.272
-1.13	-357	3.045	.215	-1.14	-354	3.072	.203	-1.15	-235	1.921	.220	-2.14	-261	2.112	.257
-1.05	-152	1.376	.217	-1.06	-150	1.377	.193	-1.07	-649	.495	.219	-1.04	-104	.446	.250
1.00	.024	-1.754	.223	1.01	.048	-3.112	.190	.04	.090	-784	.220	.04	.109	-2.452	.255
1.10	.020	-3.445	.228	1.12	.250	-1.998	.195	1.13	.254	-2.045	.221	1.14	.244	-3.788	.271
3.27	.647	-5.251	.256	2.22	.446	-3.746	.214	2.22	.426	-3.405	.224	3.24	.645	-5.299	.290
4.36	.671	-7.111	.277	3.31	.689	-5.478	.229	3.32	.687	-5.478	.224	4.45	.875	-7.154	.309
6.54	1.336	-10.993	.307	6.41	1.348	-13.189	.293	6.43	1.277	-10.389	.295	6.67	1.354	-11.168	.336
				-4.32	-783	6.444	.212					-4.35	-693	5.704	.282
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.540 RN = .3860			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-6.38	-793	6.497	.304	-6.40	-827	7.037	.290	-3.36	-697	5.087	.231	-4.50	-854	7.119	.214
-3.26	-556	6.704	.283	-3.27	-555	6.985	.273	-2.22	-434	3.765	.235	-3.36	-625	5.227	.214
-1.16	-316	3.088	.284	-1.17	-311	3.088	.254	-1.09	-176	1.534	.230	-2.23	-398	3.341	.225
-1.04	.087	-3.449	.283	-1.06	.055	-1.926	.244	.05	.079	-2.454	.255	-1.10	-101	1.530	.228
1.15	.280	-2.313	.283	1.15	.275	-2.263	.232	1.19	.396	-2.452	.238	1.03	.061	-2.130	.231
2.25	.692	-4.106	.297	2.26	.504	-4.210	.282	2.22	.245	-4.161	.264	2.30	.495	-4.102	.232
3.35	.714	-5.967	.319	3.36	.714	-5.967	.282	3.43	.724	-5.999	.228	3.43	.724	-5.999	.228
4.47	.958	-8.036	.342	4.48	.958	-8.036	.282	4.58	.958	-8.036	.228	4.58	.958	-8.036	.228
6.70	1.427	-11.141	.371	6.71	1.444	-12.084	.341	6.92	1.642	-13.807	.267	6.89	1.440	-11.786	.230
-7.10	-737	7.048	.266	-7.14	.094	-6.429	.245	-4.50	-694	8.163	.235	.03	.035	-2.283	.230
M = 1.75 Q = 8.700 RN = .3600				M = 2.00 Q = 9.850 RN = .3400				M = 2.50 Q = 6.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
9.18	1.095	-9.886	.133	9.07	1.000	-7.476	.097	9.01	.905	-4.392	.067	5.89	.827	-5.699	.059
9.17	.907	-7.238	.131	5.04	.814	-4.286	.095	9.99	.737	-5.401	.065	4.88	.667	-4.631	.057
9.13	.715	-5.722	.129	4.01	.640	-3.948	.093	3.95	.576	-4.236	.063	3.85	.520	-3.609	.055
3.08	.526	-4.264	.127	2.97	.469	-3.549	.091	2.92	.420	-3.100	.061	2.81	.371	-2.590	.053
2.04	.351	-2.820	.125	2.97	.469	-3.549	.091	1.89	.271	-2.009	.060	1.78	.235	-1.446	.052
1.90	.255	-2.057	.123	1.89	.271	-2.009	.060	1.85	.217	-1.865	.059	1.74	.194	-1.174	.051
.97	.197	-1.234	.120	.87	.135	-1.044	.089	.32	.044	-.343	.058	.22	.031	-.231	.050
.03	.008	.059	.120	.35	.054	-.028	.090	.19	-.026	.198	.056	.27	-.037	.265	.050
.97	.097	.785	.121	.67	-.105	.417	.090	.70	-.100	.739	.060	.79	-.103	.729	.050
-1.04	-.182	1.446	.124	-1.10	-.189	3.046	.094	-1.22	-.174	1.282	.061	-1.32	-.172	1.212	.051
-1.00	-.275	2.166	.127	-1.16	-.349	2.646	.094	-1.74	-.248	1.371	.062	-1.82	-.237	1.637	.052
-2.11	-.340	2.853	.129	-2.22	-.347	2.490	.095	-2.26	-.343	2.409	.063	-2.32	-.348	2.144	.052
-3.12	-.453	3.738	.131	-3.24	-.508	3.916	.096	-4.29	-.625	4.369	.065	-4.36	-.583	4.047	.053
-4.16	-.717	5.702	.134	-4.27	-.681	5.246	.098								
M = 4.00 Q = 2.340 RN = .2900				M = 4.50 Q = 2.430 RN = .3200				M = 5.00 Q = 2.430 RN = .3200				M = 5.50 Q = 2.430 RN = .3200			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
3.64	.756	-5.087	.039	3.78	.736	-4.811	.030	3.78	.736	-4.811	.030	3.78	.736	-4.811	.030
2.86	.518	-3.185	.038	3.76	.658	-2.999	.029	3.76	.658	-2.999	.029	3.76	.658	-2.999	.029
2.81	.349	-2.338	.036	2.73	.325	-2.162	.029	2.73	.325	-2.162	.029	2.73	.325	-2.162	.029
1.60	.224	-1.520	.036	2.17	.254	-1.707	.029	2.17	.254	-1.707	.029	2.17	.254	-1.707	.029
1.26	.153	-1.029	.040	1.70	.200	-1.341	.029	1.70	.200	-1.341	.029	1.70	.200	-1.341	.029
.75	.068	-.583	.040	1.18	.137	-.920	.029	1.18	.137	-.920	.029	1.18	.137	-.920	.029
.23	.027	-.188	.040	.66	.072	-.487	.029	.66	.072	-.487	.029	.66	.072	-.487	.029
.23	.028	-.187	.040	.16	.017	-.161	.029	.16	.017	-.161	.029	.16	.017	-.161	.029
-1.28	-.192	1.023	.040	.97	-.098	.659	.029	.97	-.098	.659	.029	.97	-.098	.659	.029
-1.78	-.214	1.435	.040	-1.33	-.154	1.017	.029	-1.33	-.154	1.017	.029	-1.33	-.154	1.017	.029
-2.28	-.278	1.866	.040	-1.87	-.219	1.650	.029	-1.87	-.219	1.650	.029	-1.87	-.219	1.650	.029
-3.28	-.368	2.632	.040	-2.35	-.276	1.826	.029	-2.35	-.276	1.826	.029	-2.35	-.276	1.826	.029
-4.29	-.500	3.511	.040	-2.86	-.338	2.237	.029	-2.86	-.338	2.237	.029	-2.86	-.338	2.237	.029
				-3.37	-.402	2.482	.029	-3.37	-.402	2.482	.029	-3.37	-.402	2.482	.029
				-4.36	-.525	3.432	.029	-4.36	-.525	3.432	.029	-4.36	-.525	3.432	.029

Table 21. Aerodynamic Coefficients for Configuration BLT5X1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.000 RN = .4190			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-0.31	-0.53	3.065	-1.49	-0.36	-0.55	3.707	-1.22	-0.41	-0.65	4.485	-1.09
-0.22	-0.37	2.549	-1.44	-0.26	-0.37	2.495	-1.11	-0.29	-0.26	3.133	-0.98
-0.13	-0.19	1.326	-1.43	-0.17	-0.17	1.495	-1.04	-0.18	-0.25	1.843	-0.94
-0.04	-0.09	0.260	-1.41	-0.05	-0.04	-0.01	-1.02	-1.06	-0.06	-0.06	-0.98
-0.05	-0.12	-0.275	-1.42	-0.05	-0.04	-0.01	-1.02	-1.06	-0.06	-0.06	-0.98
-0.13	-0.09	1.326	-1.41	-0.05	-0.04	-0.01	-1.02	-1.06	-0.06	-0.06	-0.98
-0.22	-0.37	2.549	-1.44	-0.26	-0.37	2.495	-1.11	-0.29	-0.26	3.133	-0.98
-0.31	-0.53	3.065	-1.49	-0.36	-0.55	3.707	-1.22	-0.41	-0.65	4.485	-1.09
-0.42	-0.74	-0.916	-1.47	-0.49	-0.99	-3.938	-1.16	-0.77	-1.05	-0.500	-1.02
-0.61	-1.02	-0.000	-1.42	-0.69	-1.49	-3.938	-1.16	-0.77	-1.05	-0.500	-1.02
-0.84	-1.06	-0.071	-1.42	-0.96	-1.73	-3.938	-1.16	-0.77	-1.05	-0.500	-1.02
M = 1.05 Q = 7.000 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.50 Q = 8.500 RN = .3860			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-0.41	-0.62	3.657	-2.45	-0.43	-0.55	3.762	-2.24	-0.49	-0.62	3.335	-2.05
-0.29	-0.39	2.063	-2.33	-0.31	-0.37	1.961	-1.99	-0.35	-0.35	2.337	-2.03
-0.18	-0.23	1.000	-2.00	-0.19	-0.17	1.000	-1.88	-0.21	-0.21	1.000	-1.88
-0.07	-0.07	0.000	-1.99	-0.04	-0.07	-0.01	-1.93	-0.08	-0.08	-0.01	-1.93
-0.15	-0.09	-0.275	-1.93	-0.04	-0.07	-0.01	-1.93	-0.08	-0.08	-0.01	-1.93
-0.24	-0.37	2.549	-2.33	-0.26	-0.37	2.495	-2.24	-0.29	-0.26	3.133	-2.03
-0.34	-0.53	3.065	-2.45	-0.36	-0.55	3.762	-2.24	-0.49	-0.62	3.335	-2.05
-0.46	-0.74	-0.916	-2.47	-0.49	-0.99	-3.938	-2.42	-0.55	-0.92	-0.497	-2.42
-0.76	-1.02	-0.000	-2.47	-0.76	-1.49	-3.938	-2.42	-0.76	-1.49	-3.938	-2.42
M = 1.75 Q = 8.200 RN = .3600				M = 2.00 Q = 9.500 RN = .3400				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-0.41	-0.62	3.657	-2.45	-0.43	-0.55	3.762	-2.24	-0.49	-0.62	3.335	-2.05
-0.29	-0.39	2.063	-2.33	-0.31	-0.37	1.961	-1.99	-0.35	-0.35	2.337	-2.03
-0.18	-0.23	1.000	-2.00	-0.19	-0.17	1.000	-1.88	-0.21	-0.21	1.000	-1.88
-0.07	-0.07	0.000	-1.99	-0.04	-0.07	-0.01	-1.93	-0.08	-0.08	-0.01	-1.93
-0.15	-0.09	-0.275	-1.93	-0.04	-0.07	-0.01	-1.93	-0.08	-0.08	-0.01	-1.93
-0.24	-0.37	2.549	-2.33	-0.26	-0.37	2.495	-2.24	-0.29	-0.26	3.133	-2.03
-0.34	-0.53	3.065	-2.45	-0.36	-0.55	3.762	-2.24	-0.49	-0.62	3.335	-2.05
-0.46	-0.74	-0.916	-2.47	-0.49	-0.99	-3.938	-2.42	-0.55	-0.92	-0.497	-2.42
-0.76	-1.02	-0.000	-2.47	-0.76	-1.49	-3.938	-2.42	-0.76	-1.49	-3.938	-2.42
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .2300				M = 5.00 Q = 2.550 RN = .2100			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-0.41	-0.62	3.657	-2.45	-0.43	-0.55	3.762	-2.24	-0.49	-0.62	3.335	-2.05
-0.29	-0.39	2.063	-2.33	-0.31	-0.37	1.961	-1.99	-0.35	-0.35	2.337	-2.03
-0.18	-0.23	1.000	-2.00	-0.19	-0.17	1.000	-1.88	-0.21	-0.21	1.000	-1.88
-0.07	-0.07	0.000	-1.99	-0.04	-0.07	-0.01	-1.93	-0.08	-0.08	-0.01	-1.93
-0.15	-0.09	-0.275	-1.93	-0.04	-0.07	-0.01	-1.93	-0.08	-0.08	-0.01	-1.93
-0.24	-0.37	2.549	-2.33	-0.26	-0.37	2.495	-2.24	-0.29	-0.26	3.133	-2.03
-0.34	-0.53	3.065	-2.45	-0.36	-0.55	3.762	-2.24	-0.49	-0.62	3.335	-2.05
-0.46	-0.74	-0.916	-2.47	-0.49	-0.99	-3.938	-2.42	-0.55	-0.92	-0.497	-2.42
-0.76	-1.02	-0.000	-2.47	-0.76	-1.49	-3.938	-2.42	-0.76	-1.49	-3.938	-2.42

Table 22. Aerodynamic Coefficients for Configuration B1T5X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.500 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-3.69	-4.252	-2.05	.000	-4.33	-3.76	-4.358	.263	-4.35	-4.18	-4.372	.237	-4.37	-4.06	-4.532	.275
-3.75	-3.728	.283	.000	-3.26	-3.728	.210	.520	-3.26	-3.728	.210	.520	-3.26	-3.728	.210	.520
-3.81	-3.704	.506	.000	-2.15	-3.704	.169	.557	-2.15	-3.704	.169	.557	-2.15	-3.704	.169	.557
-3.87	-3.680	.729	.000	-1.04	-3.680	.136	.594	-1.04	-3.680	.136	.594	-1.04	-3.680	.136	.594
-3.93	-3.656	.952	.000	.03	-3.656	.104	.631	.03	-3.656	.104	.631	.03	-3.656	.104	.631
-3.99	-3.632	.117	.000	.132	-3.632	.072	.668	.132	-3.632	.072	.668	.132	-3.632	.072	.668
-4.05	-3.608	.340	.000	.231	-3.608	.040	.705	.231	-3.608	.040	.705	.231	-3.608	.040	.705
-4.11	-3.584	.567	.000	.330	-3.584	.008	.742	.330	-3.584	.008	.742	.330	-3.584	.008	.742
-4.17	-3.560	.794	.000	.429	-3.560	.000	.779	.429	-3.560	.000	.779	.429	-3.560	.000	.779
-4.23	-3.536	.102	.000	.528	-3.536	.000	.814	.528	-3.536	.000	.814	.528	-3.536	.000	.814
-4.29	-3.512	.329	.000	.627	-3.512	.000	.849	.627	-3.512	.000	.849	.627	-3.512	.000	.849
-4.35	-3.488	.556	.000	.726	-3.488	.000	.884	.726	-3.488	.000	.884	.726	-3.488	.000	.884
-4.41	-3.464	.783	.000	.825	-3.464	.000	.919	.825	-3.464	.000	.919	.825	-3.464	.000	.919
-4.47	-3.440	.101	.000	.924	-3.440	.000	.954	.924	-3.440	.000	.954	.924	-3.440	.000	.954
-4.53	-3.416	.328	.000	.1.023	-3.416	.000	.989	1.023	-3.416	.000	.989	1.023	-3.416	.000	.989
-4.59	-3.392	.555	.000	.1.122	-3.392	.000	1.024	1.122	-3.392	.000	1.024	1.122	-3.392	.000	1.024
-4.65	-3.368	.782	.000	.1.221	-3.368	.000	1.059	1.221	-3.368	.000	1.059	1.221	-3.368	.000	1.059
-4.71	-3.344	.100	.000	.1.320	-3.344	.000	1.094	1.320	-3.344	.000	1.094	1.320	-3.344	.000	1.094
-4.77	-3.320	.327	.000	.1.419	-3.320	.000	1.129	1.419	-3.320	.000	1.129	1.419	-3.320	.000	1.129
-4.83	-3.296	.554	.000	.1.518	-3.296	.000	1.164	1.518	-3.296	.000	1.164	1.518	-3.296	.000	1.164
-4.89	-3.272	.781	.000	.1.617	-3.272	.000	1.199	1.617	-3.272	.000	1.199	1.617	-3.272	.000	1.199
-4.95	-3.248	.100	.000	.1.716	-3.248	.000	1.234	1.716	-3.248	.000	1.234	1.716	-3.248	.000	1.234
-5.01	-3.224	.327	.000	.1.815	-3.224	.000	1.269	1.815	-3.224	.000	1.269	1.815	-3.224	.000	1.269
-5.07	-3.200	.554	.000	.1.914	-3.200	.000	1.304	1.914	-3.200	.000	1.304	1.914	-3.200	.000	1.304
-5.13	-3.176	.781	.000	.2.013	-3.176	.000	1.339	2.013	-3.176	.000	1.339	2.013	-3.176	.000	1.339
-5.19	-3.152	.100	.000	.2.112	-3.152	.000	1.374	2.112	-3.152	.000	1.374	2.112	-3.152	.000	1.374

Table 23. Aerodynamic Coefficients for Configuration B1T5X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.570 RN = .4010				M = 1.00 Q = 7.090 RN = .4190						
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF			
-0.27	-0.01	4.811	.327	.444	-0.29	-0.01	4.389	.313	.449	-0.31	-0.04	4.751	.335	.507
-3.19	-0.11	3.236	.293	.444	-3.22	-0.16	3.798	.248	.447	-3.24	-0.23	3.224	.319	.507
-2.12	-0.21	1.645	.281	.445	-2.14	-0.23	1.960	.272	.444	-2.15	-0.23	2.024	.296	.521
-1.05	-0.05	1.384	.262	.471	-1.06	-0.08	.551	.272	.544	-1.06	-0.08	.650	.272	.544
1.10	.735	-2.567	.265	.474	.02	.071	-6.646	.231	.501	.02	.089	-6.337	.262	.555
2.17	.673	-4.036	.265	.471	1.10	.220	-1.832	.262	.494	1.10	.245	-2.080	.272	.540
3.23	.631	-5.516	.309	.463	3.24	.445	-4.418	.263	.476	3.24	.445	-4.418	.263	.476
4.30	.635	-7.038	.331	.460	4.34	.474	-5.117	.263	.467	4.34	.474	-5.117	.263	.467
5.36	.646	-8.591	.365	.457	5.36	.474	-6.252	.263	.467	5.36	.474	-6.252	.263	.467
6.42	.657	-10.141	.395	.454	6.42	.474	-7.384	.263	.467	6.42	.474	-7.384	.263	.467
7.48	.668	-11.688	.425	.451	7.48	.474	-8.516	.263	.467	7.48	.474	-8.516	.263	.467
8.54	.679	-13.235	.455	.448	8.54	.474	-9.648	.263	.467	8.54	.474	-9.648	.263	.467
9.60	.690	-14.782	.485	.445	9.60	.474	-10.780	.263	.467	9.60	.474	-10.780	.263	.467
10.66	.701	-16.329	.515	.442	10.66	.474	-11.912	.263	.467	10.66	.474	-11.912	.263	.467
11.72	.712	-17.876	.545	.439	11.72	.474	-13.044	.263	.467	11.72	.474	-13.044	.263	.467
12.78	.723	-19.423	.575	.436	12.78	.474	-14.176	.263	.467	12.78	.474	-14.176	.263	.467
13.84	.734	-20.970	.605	.433	13.84	.474	-15.308	.263	.467	13.84	.474	-15.308	.263	.467
14.90	.745	-22.517	.635	.430	14.90	.474	-16.440	.263	.467	14.90	.474	-16.440	.263	.467
15.96	.756	-24.064	.665	.427	15.96	.474	-17.572	.263	.467	15.96	.474	-17.572	.263	.467
17.02	.767	-25.611	.695	.424	17.02	.474	-18.704	.263	.467	17.02	.474	-18.704	.263	.467
18.08	.778	-27.158	.725	.421	18.08	.474	-19.836	.263	.467	18.08	.474	-19.836	.263	.467
19.14	.789	-28.705	.755	.418	19.14	.474	-20.968	.263	.467	19.14	.474	-20.968	.263	.467
20.20	.800	-30.252	.785	.415	20.20	.474	-22.100	.263	.467	20.20	.474	-22.100	.263	.467
21.26	.811	-31.799	.815	.412	21.26	.474	-23.232	.263	.467	21.26	.474	-23.232	.263	.467
22.32	.822	-33.346	.845	.409	22.32	.474	-24.364	.263	.467	22.32	.474	-24.364	.263	.467
23.38	.833	-34.893	.875	.406	23.38	.474	-25.496	.263	.467	23.38	.474	-25.496	.263	.467
24.44	.844	-36.440	.905	.403	24.44	.474	-26.628	.263	.467	24.44	.474	-26.628	.263	.467
25.50	.855	-37.987	.935	.400	25.50	.474	-27.760	.263	.467	25.50	.474	-27.760	.263	.467
26.56	.866	-39.534	.965	.397	26.56	.474	-28.892	.263	.467	26.56	.474	-28.892	.263	.467
27.62	.877	-41.081	.995	.394	27.62	.474	-30.024	.263	.467	27.62	.474	-30.024	.263	.467
28.68	.888	-42.628	.102	.391	28.68	.474	-31.156	.263	.467	28.68	.474	-31.156	.263	.467
29.74	.899	-44.175	.122	.388	29.74	.474	-32.288	.263	.467	29.74	.474	-32.288	.263	.467
30.80	.910	-45.722	.142	.385	30.80	.474	-33.420	.263	.467	30.80	.474	-33.420	.263	.467
31.86	.921	-47.269	.162	.382	31.86	.474	-34.552	.263	.467	31.86	.474	-34.552	.263	.467
32.92	.932	-48.816	.182	.379	32.92	.474	-35.684	.263	.467	32.92	.474	-35.684	.263	.467
33.98	.943	-50.363	.202	.376	33.98	.474	-36.816	.263	.467	33.98	.474	-36.816	.263	.467
35.04	.954	-51.910	.222	.373	35.04	.474	-37.948	.263	.467	35.04	.474	-37.948	.263	.467
36.10	.965	-53.457	.242	.370	36.10	.474	-39.080	.263	.467	36.10	.474	-39.080	.263	.467
37.16	.976	-55.004	.262	.367	37.16	.474	-40.212	.263	.467	37.16	.474	-40.212	.263	.467
38.22	.987	-56.551	.282	.364	38.22	.474	-41.344	.263	.467	38.22	.474	-41.344	.263	.467
39.28	.998	-58.098	.302	.361	39.28	.474	-42.476	.263	.467	39.28	.474	-42.476	.263	.467
40.34	.100	-59.645	.322	.358	40.34	.474	-43.608	.263	.467	40.34	.474	-43.608	.263	.467
41.40	.101	-61.192	.342	.355	41.40	.474	-44.740	.263	.467	41.40	.474	-44.740	.263	.467
42.46	.102	-62.739	.362	.352	42.46	.474	-45.872	.263	.467	42.46	.474	-45.872	.263	.467
43.52	.103	-64.286	.382	.349	43.52	.474	-47.004	.263	.467	43.52	.474	-47.004	.263	.467
44.58	.104	-65.833	.402	.346	44.58	.474	-48.136	.263	.467	44.58	.474	-48.136	.263	.467
45.64	.105	-67.380	.422	.343	45.64	.474	-49.268	.263	.467	45.64	.474	-49.268	.263	.467
46.70	.106	-68.927	.442	.340	46.70	.474	-50.400	.263	.467	46.70	.474	-50.400	.263	.467
47.76	.107	-70.474	.462	.337	47.76	.474	-51.532	.263	.467	47.76	.474	-51.532	.263	.467
48.82	.108	-72.021	.482	.334	48.82	.474	-52.664	.263	.467	48.82	.474	-52.664	.263	.467
49.88	.109	-73.568	.502	.331	49.88	.474	-53.796	.263	.467	49.88	.474	-53.796	.263	.467
50.94	.110	-75.115	.522	.328	50.94	.474	-54.928	.263	.467	50.94	.474	-54.928	.263	.467
52.00	.111	-76.662	.542	.325	52.00	.474	-56.060	.263	.467	52.00	.474	-56.060	.263	.467
53.06	.112	-78.209	.562	.322	53.06	.474	-57.192	.263	.467	53.06	.474	-57.192	.263	.467
54.12	.113	-79.756	.582	.319	54.12	.474	-58.324	.263	.467	54.12	.474	-58.324	.263	.467
55.18	.114	-81.303	.602	.316	55.18	.474	-59.456	.263	.467	55.18	.474	-59.456	.263	.467
56.24	.115	-82.850	.622	.313	56.24	.474	-60.588	.263	.467	56.24	.474	-60.588	.263	.467
57.30	.116	-84.397	.642	.310	57.30	.474	-61.720	.263	.467	57.30	.474	-61.720	.263	.467
58.36	.117	-85.944	.662	.307	58.36	.474	-62.852	.263	.467	58.36	.474	-62.852	.263	.467
59.42	.118	-87.491	.682	.304	59.42	.474	-63.984	.263	.467	59.42	.474	-63.984	.263	.467
60.48	.119	-89.038	.702	.301	60.48	.474	-65.116	.263	.467	60.48	.474	-65.116	.263	.467
61.54	.120	-90.585	.722	.298	61.54	.474	-66.248	.263	.467	61.54	.474	-66.248	.263	.467
62.60	.121	-92.132	.742	.295	62.60	.474	-67.380	.263	.467	62.60	.474	-67.380	.263	.467
63.66	.122	-93.679	.762	.292	63.66	.474	-68.512	.263	.467	63.66	.474	-68.512	.263	.467
64.72	.123	-95.226	.782	.289	64.72	.474	-69.644	.263	.467	64.72	.474	-69.644	.263	.467
65.78	.124	-96.773	.802	.286	65.78	.474	-70.776	.263	.467	65.78	.474	-70.776	.263	.467
66.84	.125	-98.320	.822	.283	66.84	.474	-71.908	.263	.467	66.84	.474	-71.908	.263	.467
67.90	.126	-99.867	.842	.280	67.90	.474	-73.040	.263	.467	67.90	.474	-73.040	.263	.467
68.96	.127	-101.414	.862	.277	68.96	.474	-74.172	.263	.467	68.96	.474	-74.172	.263	.467
69.02	.128	-102.961	.882	.274	69.02	.474	-75.304	.263	.467	69.02	.474	-75.304	.263	.467
70.08	.129	-104.508	.902	.271	70.08	.474	-76.436	.263	.467	70.08	.474	-76.436	.263	.467
71.14	.130	-106.055	.922	.268	71.14	.474	-77.568	.263	.467	71.14	.474	-77.568	.263	.467
72.20	.131	-107.602	.942	.265	72.20	.474	-78.700	.263	.467	72.20	.474	-78.700	.263	.467
73.26	.132	-109.149	.962	.262	73.26	.474	-79.832	.263	.467	73.26	.474	-79.832	.263	.467
74.32	.133	-110.696	.982	.259	74.32	.474	-80.964	.263	.467	74.32	.474	-80.964	.263	.467
75.38	.134	-112.243	.100	.256	75.38	.474	-82.096	.263	.467	75.38	.474	-82.096	.263	.467
76.44	.135	-113.790	.120	.253	76.44	.474	-83.228	.263	.467	76.44	.474	-83.228	.263	.467
77.50	.136	-115.337	.140	.250	77.50	.474	-84.360	.263	.467	77.50	.474	-84.360	.263	.467
78.56	.137	-116.884	.160	.247	78.56	.474	-85.492	.263	.467	78.56	.474	-85.492	.263	.467
79.62	.138	-118.431	.180	.244	79.62	.474	-86.624	.263	.467	79.62	.474	-86.624	.263	.467
80.68	.139	-119.978	.200	.241	80.68	.474	-87.756	.263	.467	80.68	.474	-87.756	.263	.467
81.74	.140	-121.525	.220	.238	81.74	.474	-88.888	.263	.467	81.74	.474	-88.888	.263	.467
82.80	.141	-123.072	.240	.235	82.80	.474	-90.020	.263	.467	82.80	.474	-90.020	.263	.467
83.86	.142	-124.619	.260	.232	83.86	.474	-91.152	.263	.467	83.86	.474	-91.152	.263	.467
84.92	.143	-126.166	.280	.229	84.92	.474	-92.284	.263	.467	84.92	.474	-92.284	.263	.467
85.98	.144	-127.713	.300	.226	85.98	.474	-93.416	.263	.467	85.9				

Table 24. Aerodynamic Coefficients for Configuration BLT7X1

[illegible]

Table 25. Aerodynamic Coefficients for Configuration BLT7X2

[illegible]

R = 0.00				R = 2.540				R = 2.900			
ALP	CM	CM	CAP	ALP	CM	CM	CAP	ALP	CM	CM	CAP
3.01	1.740	-0.12	324	5.03	7.06	-0.345	320	5.03	7.06	-0.345	320
3.02	1.681	-0.095	316	5.02	7.04	-0.34	312	5.02	7.04	-0.34	312
3.03	1.622	-0.06	307	5.01	7.02	-0.335	304	5.01	7.02	-0.335	304
3.04	1.563	-0.04	297	5.00	7.00	-0.33	294	5.00	7.00	-0.33	294
3.05	1.504	-0.02	287	4.99	6.98	-0.325	284	4.99	6.98	-0.325	284
3.06	1.445	-0.01	277	4.98	6.96	-0.32	274	4.98	6.96	-0.32	274
3.07	1.386	0.00	267	4.97	6.94	-0.315	264	4.97	6.94	-0.315	264
3.08	1.327	0.01	257	4.96	6.92	-0.31	254	4.96	6.92	-0.31	254
3.09	1.268	0.02	247	4.95	6.90	-0.305	244	4.95	6.90	-0.305	244
3.10	1.209	0.03	237	4.94	6.88	-0.30	234	4.94	6.88	-0.30	234
3.11	1.150	0.04	227	4.93	6.86	-0.295	224	4.93	6.86	-0.295	224
3.12	1.091	0.05	217	4.92	6.84	-0.29	214	4.92	6.84	-0.29	214
3.13	1.032	0.06	207	4.91	6.82	-0.285	204	4.91	6.82	-0.285	204
3.14	0.973	0.07	197	4.90	6.80	-0.28	194	4.90	6.80	-0.28	194
3.15	0.914	0.08	187	4.89	6.78	-0.275	184	4.89	6.78	-0.275	184
3.16	0.855	0.09	177	4.88	6.76	-0.27	174	4.88	6.76	-0.27	174
3.17	0.796	0.10	167	4.87	6.74	-0.265	164	4.87	6.74	-0.265	164
3.18	0.737	0.11	157	4.86	6.72	-0.26	154	4.86	6.72	-0.26	154
3.19	0.678	0.12	147	4.85	6.70	-0.255	144	4.85	6.70	-0.255	144
3.20	0.619	0.13	137	4.84	6.68	-0.25	134	4.84	6.68	-0.25	134
3.21	0.560	0.14	127	4.83	6.66	-0.245	124	4.83	6.66	-0.245	124
3.22	0.501	0.15	117	4.82	6.64	-0.24	114	4.82	6.64	-0.24	114
3.23	0.442	0.16	107	4.81	6.62	-0.235	104	4.81	6.62	-0.235	104
3.24	0.383	0.17	97	4.80	6.60	-0.23	94	4.80	6.60	-0.23	94
3.25	0.324	0.18	87	4.79	6.58	-0.225	84	4.79	6.58	-0.225	84
3.26	0.265	0.19	77	4.78	6.56	-0.22	74	4.78	6.56	-0.22	74
3.27	0.206	0.20	67	4.77	6.54	-0.215	64	4.77	6.54	-0.215	64
3.28	0.147	0.21	57	4.76	6.52	-0.21	54	4.76	6.52	-0.21	54
3.29	0.088	0.22	47	4.75	6.50	-0.205	44	4.75	6.50	-0.205	44
3.30	0.029	0.23	37	4.74	6.48	-0.20	34	4.74	6.48	-0.20	34
3.31	-0.030	0.24	27	4.73	6.46	-0.195	24	4.73	6.46	-0.195	24
3.32	-0.089	0.25	17	4.72	6.44	-0.19	14	4.72	6.44	-0.19	14

Table 26. Aerodynamic Coefficients for Configuration BLT7X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.31	-7.44	6.078	.196	-0.37	-6.03	6.593	.144	-0.39	-6.800	7.389	.224	-0.40	-6.64	7.28	.304
-0.22	-5.32	4.336	.187	-0.27	-4.93	4.923	.134	-0.29	-4.78	5.236	.215	-0.29	-4.67	5.088	.280
-2.14	-3.90	2.899	.178	-2.17	-3.58	2.823	.127	-2.18	-3.60	3.158	.201	-2.18	-3.67	3.035	.270
-1.05	-1.15	.891	.174	-1.07	-1.135	1.094	.117	-1.07	-1.148	1.222	.183	-1.07	-1.27	1.078	.181
1.02	.909	-2.402	.174	.03	.079	-0.676	.113	.03	.079	-0.645	.164	.145	.308	-2.187	.256
2.28	.525	-4.910	.176	1.13	.266	-2.336	.112	1.13	.300	-2.235	.181	2.24	.547	-4.779	.255
3.29	.737	-7.120	.181	2.23	.503	-4.162	.113	2.24	.512	-4.092	.193	3.37	.799	-6.745	.271
4.37	.943	-7.829	.181	3.33	.729	-4.882	.119	3.33	.748	-4.812	.209	4.40	1.055	-6.904	.285
6.53	1.364	-11.253	.214	4.43	1.464	-12.046	.163	4.44	1.495	-13.040	.254	6.72	1.947	-13.829	.331
-0.32	-7.757	6.164	.196	-0.37	-7.793	6.493	.151	-0.40	-8.003	7.425	.220	-0.41	-8.068	7.796	.297
M = 1.05 Q = 7.400 RN = .4270				M = 1.10 Q = 7.700 RN = .4290				M = 1.20 Q = 8.190 RN = .4320				M = 1.30 Q = 8.400 RN = .4360			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.42	-6.65	7.054	.337	-0.43	-6.827	6.978	.322	-0.43	-7.048	6.315	.297	-0.45	-6.809	5.525	.251
-3.31	-6.09	5.070	.317	-3.32	-6.221	5.194	.290	-3.31	-6.562	4.860	.288	-3.31	-6.74	3.881	.235
-2.16	-3.77	3.120	.299	-2.21	-4.009	3.445	.276	-2.19	-4.35	2.542	.271	-2.19	-4.58	2.390	.233
-1.08	-1.62	1.185	.288	-1.08	-1.719	1.217	.260	-1.06	-1.95	1.342	.244	-1.07	-1.10	.910	.240
1.04	.970	-2.860	.287	.03	.061	-2.551	.262	.03	.058	-2.429	.282	.05	.075	-2.577	.244
2.24	.527	-4.984	.287	1.16	.257	-2.071	.277	1.16	.257	-2.071	.277	1.17	.256	-2.030	.246
3.28	.765	-6.400	.287	2.27	.523	-4.144	.269	2.28	.542	-3.748	.273	2.29	.641	-3.496	.264
4.39	.990	-7.261	.321	3.39	.738	-5.127	.284	3.40	.675	-5.471	.288	3.42	.867	-5.742	.299
6.54	1.401	-12.356	.375	4.50	1.455	-12.066	.308	4.53	.885	-11.181	.362	6.48	1.302	-10.183	.443
-0.42	-6.64	7.063	.339	-0.44	-6.847	7.064	.323	-0.44	-7.171	6.366	.296	.05	.085	-4.492	.245
M = 1.50 Q = 8.500 RN = .3860				M = 1.75 Q = 6.200 RN = .3400				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.33	-6.65	6.893	.144	0.10	1.253	-10.282	.094	0.02	1.087	-9.314	.087	0.03	.983	-7.019	.042
-3.39	-6.73	5.440	.141	5.16	1.835	-8.787	.094	4.98	.879	-5.345	.086	5.03	.785	-5.821	.037
-2.24	-4.24	3.572	.138	3.13	.882	-4.949	.087	2.98	.678	-3.945	.083	3.06	.615	-4.560	.035
-1.10	-1.75	1.426	.135	2.05	.399	-2.396	.081	1.87	.320	-2.537	.040	2.03	.450	-3.372	.040
1.09	.323	-2.697	.134	1.49	.287	-2.356	.056	1.33	.225	-1.766	.036	1.91	.291	-2.193	.044
1.34	.583	-2.655	.137	.09	.186	-1.726	.055	.81	.138	-1.083	.037	1.34	.289	-1.843	.043
3.50	.766	-6.396	.137	.44	.889	-7.726	.055	.29	.090	-3.989	.040	.06	.081	-3.807	.045
6.63	.958	-7.808	.137	.89	.887	-8.03	.059	.21	.058	-3.999	.045	.12	.027	-3.807	.044
-0.4	-6.63	6.998	.136	-1.07	-1.38	1.792	.042	-1.24	-1.215	1.701	.044	.49	-1.104	.789	.044
M = 3.00 Q = 4.130 RN = .3100				M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3000				M = 5.00 Q = 2.450 RN = .3000			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
5.65	.658	-6.013	.051	5.66	.752	-6.007	.040	5.79	.712	-5.533	.044	5.79	.712	-5.533	.044
3.86	.783	-4.864	.049	4.06	.611	-5.025	.046	4.79	.576	-3.699	.040	4.79	.576	-3.699	.040
3.86	.947	-3.874	.046	3.89	.479	-3.746	.040	3.79	.448	-2.884	.034	3.79	.448	-2.884	.034
2.85	.396	-2.771	.041	2.85	.324	-2.771	.040	2.75	.283	-1.331	.033	2.75	.283	-1.331	.033
1.76	.174	-1.237	.040	1.81	.226	-1.320	.040	1.21	.139	-1.017	.033	1.21	.139	-1.017	.033
1.76	.104	-1.747	.040	.77	.089	-3.994	.043	.72	.084	-3.919	.034	.72	.084	-3.919	.034
.22	.032	-2.132	.039	.26	.030	-3.994	.042	.21	.026	-3.919	.034	.21	.026	-3.919	.034
.76	.036	-2.04	.041	.25	.029	-1.96	.041	.29	.031	-2.10	.035	.29	.031	-2.10	.035
.76	.110	.786	.041	.76	.089	-1.96	.041	.82	.091	-1.96	.035	.82	.091	-1.96	.035
-1.31	.181	1.795	.042	-1.39	.213	1.806	.041	-1.82	.461	1.806	.035	-1.82	.461	1.806	.035
-1.61	.137	2.364	.043	-1.79	.281	1.448	.042	-1.82	.211	1.395	.034	-1.82	.211	1.395	.034
-1.35	.042	3.271	.044	-3.26	.060	2.650	.041	-3.33	.274	1.605	.033	-3.33	.274	1.605	.033
-0.35	.013	4.333	.046	-0.27	.027	3.448	.041	-0.34	.049	3.277	.039	-0.34	.049	3.277	.039

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[illegible]

Table 28. Aerodynamic Coefficients for Configuration B1T8X1

M = 1.75				M = 2.00				M = 2.50				M = 3.00				M = 3.50			
ALP	CN	CM	CAP	ALP	CN	CM	CAP	ALP	CN	CM	CAP	ALP	CN	CM	CAP	ALP	CN	CM	CAP
6.15	.005	-0.020	.102	6.10	.023	-0.219	.140	6.09	.091	-0.034	.154	5.93	.057	-0.533	.114	5.81	.040	-0.704	.101
5.13	.019	-0.064	.177	5.06	.077	-0.124	.161	5.06	.133	-0.028	.154	4.91	.071	-0.544	.114	4.79	.057	-0.704	.101
4.00	.045	-0.115	.275	4.01	.151	-0.004	.136	4.03	.278	-0.072	.152	3.87	.101	-0.544	.114	3.75	.087	-0.544	.114
3.02	.076	-0.194	.393	2.95	.251	-0.025	.136	2.95	.431	-0.122	.152	2.84	.179	-0.544	.114	2.72	.152	-0.544	.114
1.98	.121	-0.294	.511	1.98	.394	-0.044	.136	1.98	.671	-0.172	.152	1.79	.251	-0.544	.114	1.67	.225	-0.544	.114
1.02	.221	-0.394	.629	1.02	.537	-0.064	.136	1.02	.811	-0.222	.152	0.81	.394	-0.544	.114	0.69	.367	-0.544	.114
.02	.694	-0.412	.730	.02	.894	-0.064	.136	.02	.994	-0.064	.136	.02	.894	-0.064	.136	.02	.794	-0.064	.136
.14	.021	.153	.729	.14	.023	.192	.140	.14	.023	.192	.140	.14	.023	.192	.140	.14	.023	.192	.140
.00	.000	.747	.729	.00	.000	.737	.140	.00	.000	.737	.140	.00	.000	.737	.140	.00	.000	.737	.140
.10	.007	.1313	.729	.10	.007	.1253	.140	.10	.007	.1253	.140	.10	.007	.1253	.140	.10	.007	.1253	.140
.20	.014	.2606	.729	.20	.014	.2573	.140	.20	.014	.2573	.140	.20	.014	.2573	.140	.20	.014	.2573	.140
.30	.021	.3899	.729	.30	.021	.3863	.140	.30	.021	.3863	.140	.30	.021	.3863	.140	.30	.021	.3863	.140
.40	.028	.5182	.729	.40	.028	.5147	.140	.40	.028	.5147	.140	.40	.028	.5147	.140	.40	.028	.5147	.140
.50	.035	.6465	.729	.50	.035	.6430	.140	.50	.035	.6430	.140	.50	.035	.6430	.140	.50	.035	.6430	.140
.60	.042	.7748	.729	.60	.042	.7713	.140	.60	.042	.7713	.140	.60	.042	.7713	.140	.60	.042	.7713	.140
.70	.049	.9031	.729	.70	.049	.8996	.140	.70	.049	.8996	.140	.70	.049	.8996	.140	.70	.049	.8996	.140
.80	.056	1.0314	.729	.80	.056	1.0279	.140	.80	.056	1.0279	.140	.80	.056	1.0279	.140	.80	.056	1.0279	.140
.90	.063	1.1597	.729	.90	.063	1.1562	.140	.90	.063	1.1562	.140	.90	.063	1.1562	.140	.90	.063	1.1562	.140
1.00	.070	1.2880	.729	1.00	.070	1.2845	.140	1.00	.070	1.2845	.140	1.00	.070	1.2845	.140	1.00	.070	1.2845	.140
1.10	.077	1.4163	.729	1.10	.077	1.4128	.140	1.10	.077	1.4128	.140	1.10	.077	1.4128	.140	1.10	.077	1.4128	.140
1.20	.084	1.5446	.729	1.20	.084	1.5411	.140	1.20	.084	1.5411	.140	1.20	.084	1.5411	.140	1.20	.084	1.5411	.140
1.30	.091	1.6729	.729	1.30	.091	1.6684	.140	1.30	.091	1.6684	.140	1.30	.091	1.6684	.140	1.30	.091	1.6684	.140
1.40	.098	1.8012	.729	1.40	.098	1.7977	.140	1.40	.098	1.7977	.140	1.40	.098	1.7977	.140	1.40	.098	1.7977	.140
1.50	.105	1.9295	.729	1.50	.105	1.9260	.140	1.50	.105	1.9260	.140	1.50	.105	1.9260	.140	1.50	.105	1.9260	.140
1.60	.112	2.0578	.729	1.60	.112	2.0543	.140	1.60	.112	2.0543	.140	1.60	.112	2.0543	.140	1.60	.112	2.0543	.140
1.70	.119	2.1861	.729	1.70	.119	2.1826	.140	1.70	.119	2.1826	.140	1.70	.119	2.1826	.140	1.70	.119	2.1826	.140
1.80	.126	2.3144	.729	1.80	.126	2.3109	.140	1.80	.126	2.3109	.140	1.80	.126	2.3109	.140	1.80	.126	2.3109	.140
1.90	.133	2.4427	.729	1.90	.133	2.4392	.140	1.90	.133	2.4392	.140	1.90	.133	2.4392	.140	1.90	.133	2.4392	.140
2.00	.140	2.5710	.729	2.00	.140	2.5675	.140	2.00	.140	2.5675	.140	2.00	.140	2.5675	.140	2.00	.140	2.5675	.140
2.10	.147	2.6993	.729	2.10	.147	2.6958	.140	2.10	.147	2.6958	.140	2.10	.147	2.6958	.140	2.10	.147	2.6958	.140
2.20	.154	2.8276	.729	2.20	.154	2.8241	.140	2.20	.154	2.8241	.140	2.20	.154	2.8241	.140	2.20	.154	2.8241	.140
2.30	.161	2.9559	.729	2.30	.161	2.9524	.140	2.30	.161	2.9524	.140	2.30	.161	2.9524	.140	2.30	.161	2.9524	.140
2.40	.168	3.0842	.729	2.40	.168	3.0807	.140	2.40	.168	3.0807	.140	2.40	.168	3.0807	.140	2.40	.168	3.0807	.140
2.50	.175	3.2125	.729	2.50	.175	3.2090	.140	2.50	.175	3.2090	.140	2.50	.175	3.2090	.140	2.50	.175	3.2090	.140
2.60	.182	3.3408	.729	2.60	.182	3.3373	.140	2.60	.182	3.3373	.140	2.60	.182	3.3373	.140	2.60	.182	3.3373	.140
2.70	.189	3.4691	.729	2.70	.189	3.4656	.140	2.70	.189	3.4656	.140	2.70	.189	3.4656	.140	2.70	.189	3.4656	.140
2.80	.196	3.5974	.729	2.80	.196	3.5939	.140	2.80	.196	3.5939	.140	2.80	.196	3.5939	.140	2.80	.196	3.5939	.140
2.90	.203	3.7257	.729	2.90	.203	3.7222	.140	2.90	.203	3.7222	.140	2.90	.203	3.7222	.140	2.90	.203	3.7222	.140
3.00	.210	3.8540	.729	3.00	.210	3.8505	.140	3.00	.210	3.8505	.140	3.00	.210	3.8505	.140	3.00	.210	3.8505	.140
3.10	.217	3.9823	.729	3.10	.217	3.9788	.140	3.10	.217	3.9788	.140	3.10	.217	3.9788	.140	3.10	.217	3.9788	.140
3.20	.224	4.1106	.729	3.20	.224	4.1071	.140	3.20	.224	4.1071	.140	3.20	.224	4.1071	.140	3.20	.224	4.1071	.140
3.30	.231	4.2389	.729	3.30	.231	4.2354	.140	3.30	.231	4.2354	.140	3.30	.231	4.2354	.140	3.30	.231	4.2354	.140
3.40	.238	4.3672	.729	3.40	.238	4.3637	.140	3.40	.238	4.3637	.140	3.40	.238	4.3637	.140	3.40	.238	4.3637	.140
3.50	.245	4.4955	.729	3.50	.245	4.4920	.140	3.50	.245	4.4920	.140	3.50	.245	4.4920	.140	3.50	.245	4.4920	.140
3.60	.252	4.6238	.729	3.60	.252	4.6203	.140	3.60	.252	4.6203	.140	3.60	.252	4.6203	.140	3.60	.252	4.6203	.140
3.70	.259	4.7521	.729	3.70	.259	4.7486	.140	3.70	.259	4.7486	.140	3.70	.259	4.7486	.140	3.70	.259	4.7486	.140
3.80	.266	4.8804	.729	3.80	.266	4.8769	.140	3.80	.266	4.8769	.140	3.80	.266	4.8769	.140	3.80	.266	4.8769	.140
3.90	.273	5.0087	.729	3.90	.273	5.0052	.140	3.90	.273	5.0052	.140	3.90	.273	5.0052	.140	3.90	.273	5.0052	.140
4.00	.280	5.1370	.729	4.00	.280	5.1335	.140	4.00	.280	5.1335	.140	4.00	.280	5.1335	.140	4.00	.280	5.1335	.140
4.10	.287	5.2653	.729	4.10	.287	5.2618	.140	4.10	.287	5.2618	.140	4.10	.287	5.2618	.140	4.10	.287	5.2618	.140
4.20	.294	5.3936	.729	4.20	.294	5.3901	.140	4.20	.294	5.3901	.140	4.20	.294	5.3901	.140	4.20	.294	5.3901	.140
4.30	.301	5.5219	.729	4.30	.301	5.5186	.140	4.30	.301	5.5186	.140	4.30	.301	5.5186	.140	4.30	.301	5.5186	.140
4.40	.308	5.6502	.729	4.40	.308	5.6477	.140	4.40	.308	5.6477	.140	4.40	.308	5.6477	.140	4.40	.308	5.6477	.140
4.50	.315	5.7785	.729	4.50	.315	5.7750	.140	4.50	.315	5.7750	.140	4.50	.315	5.7750	.140	4.50	.315	5.7750	.140
4.60	.322	5.9068	.729	4.60	.322	5.9043	.140	4.60	.322	5.9043	.140	4.60	.322	5.9043	.140	4.60	.322	5.9043	.140
4.70	.329	6.0351	.729	4.70	.329	6.0326	.140	4.70	.329	6.0326	.140	4.70	.329	6.0326	.140	4.70	.329	6.0326	.140
4.80	.336	6.1634	.729	4.80	.336	6.1609	.140	4.80	.336	6.1609	.140	4.80	.336	6.1609	.140	4.80	.336	6.1609	.140
4.90	.343	6.2917	.729	4.90	.343	6.2892	.140	4.90	.343	6.2892	.140	4.90	.343	6.2892	.140	4.90	.343	6.2892	.140
5.00	.350	6.4200	.729	5.00	.350	6.4175	.140	5.00	.350	6.4175	.140	5.00	.350	6.4175	.140	5.00	.350	6.4175	.140
5.10	.357	6.5483	.729	5.10	.357	6.5458	.140	5.10	.357	6.5458	.140	5.10	.357	6.5458	.140	5.10	.357	6.5458	.140
5.20	.364	6.6766	.729	5.20	.364	6.6741	.140	5.20	.364	6.6741	.140	5.20	.364	6.6741	.140	5.20	.364	6.6741	.140
5.30	.371	6.8049	.729	5.30	.371	6.8024	.140	5.30	.371	6.8024	.140	5.30	.371	6.8024	.140	5.30	.371	6.8024	.140
5.40	.378	6.9332	.729	5.40	.378	6.9307	.140	5.40	.378	6.9307	.140	5.40	.378	6.9307	.140	5.40	.378	6.9307	.140
5.50	.385	7.0615	.729	5.50	.385	7.0590	.140	5.50	.385	7.0590	.140	5.50	.385	7.0590	.140	5.50	.385	7.0590	.140
5.60	.392	7.1898	.729	5.60	.392	7.1873	.140	5.60	.392	7.1873	.140	5.60	.392	7.1873	.140	5.60	.392	7.1873	.140
5.70	.399	7.3181	.729	5.70	.399	7.3156	.140	5.70	.399	7.31									

Table 29. Aerodynamic Coefficients for Configuration BLT8X2

M = 1.75 $\theta = 0.200$ RN = .3000					M = 2.00 $\theta = 5.000$ RN = .3400					M = 2.50 $\theta = 4.000$ RN = .3200					M = 3.00 $\theta = 4.100$ RN = .3100				
ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP
0.13	1.003	-7.004	-240	.713	0.03	1.022	-7.561	.199	.658	0.02	.966	-6.090	.150	.548	5.04	.886	-6.076	.108	.694
0.11	.993	-6.003	-234	.699	5.00	.867	-6.315	.197	.656	4.99	.790	-5.674	.150	.549	4.84	.710	-4.949	.108	.693
0.07	.899	-5.000	-229	.685	3.06	.668	-5.012	.197	.653	3.06	.620	-3.207	.157	.549	3.83	.561	-3.880	.107	.697
0.01	.810	-4.000	-224	.671	1.87	.313	-2.868	.211	.644	2.01	.456	-2.207	.189	.557	2.81	.366	-2.420	.105	.692
1.00	.310	-3.000	-211	.657	1.32	.217	-1.645	.221	.643	1.32	.204	-1.082	.156	.556	1.23	.177	-1.229	.103	.697
1.42	.242	-1.047	.210	.727	.81	.134	-1.013	.220	.644	.82	.124	-.084	.155	.555	.71	.101	-.708	.102	.502
.60	.131	-1.152	.213	.727	.29	.049	-.274	.234	.645	.29	.045	-.230	.154	.549	.20	.028	-.203	.102	.503
.37	.064	-.692	.217	.736	-.22	-.035	.274	.236	.642	-.20	-.028	.210	.154	.551	-.31	-.044	.304	.102	.500
-.14	-.024	.192	.214	.725	-.76	-.184	1.041	.235	.643	-.73	-.113	.820	.155	.552	-.83	-.120	.837	.102	.499
-.07	-.116	.893	.214	.725	-.76	-.184	1.041	.235	.643	-.73	-.113	.820	.155	.552	-.83	-.120	.837	.102	.499
-.10	-.082	1.186	.203	.725	-.76	-.184	1.041	.235	.643	-.73	-.113	.820	.155	.552	-.83	-.120	.837	.102	.499
-.10	-.082	1.186	.203	.725	-.76	-.184	1.041	.235	.643	-.73	-.113	.820	.155	.552	-.83	-.120	.837	.102	.499
-.22	-.200	2.097	.202	.722	-.33	-.302	2.045	.210	.651	-.32	-.28	1.336	.156	.557	-.337	-.339	2.360	.104	.492
-.34	-.354	4.802	.206	.717	-.33	-.302	2.045	.210	.651	-.32	-.28	1.336	.156	.557	-.337	-.339	2.360	.104	.492
-.49	-.730	9.962	.213	.713	-.43	-.729	9.424	.202	.653	-.432	-.675	4.840	.160	.550	-.440	-.640	4.423	.105	.499

M = 4.00 $\theta = 2.340$ RN = .2500					M = 4.50 $\theta = 2.000$ RN = .3200				
ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP
0.01	.009	-3.320	.008	.426	0.00	.797	-5.217	.044	.018
0.00	.001	-2.022	.008	.426	0.00	.664	-4.270	.043	.019
0.00	.001	-2.022	.008	.426	0.00	.664	-4.270	.043	.019
2.17	.002	-2.010	.008	.417	2.04	.363	-2.396	.044	.425
1.75	.220	-1.031	.009	.435	1.82	.270	-1.523	.044	.418
1.22	.134	-1.031	.009	.427	1.28	.157	-1.032	.044	.425
.72	.025	-.024	.009	.419	.89	.066	-.052	.044	.417
.30	.025	-.024	.009	.421	.51	.066	-.052	.044	.417
-.00	-.039	.009	.013	.413	-.21	-.080	.178	.043	.409
-.10	-.076	.009	.013	.413	-.74	-.091	.011	.044	.415
-.13	-.104	1.119	.008	.413	-1.25	-.133	1.016	.045	.411
-.13	-.104	1.119	.008	.413	-1.25	-.133	1.016	.045	.411
-.24	-.204	2.007	.009	.424	-2.25	-.204	1.093	.044	.422
-.33	-.332	3.046	.009	.443	-2.25	-.204	1.093	.044	.422
-.49	-.532	3.767	.009	.448	-.427	-.534	3.023	.044	.426

Table 30. Aerodynamic Coefficients for Configuration BIT8X3

M = 1.75					M = 2.00					M = 2.50					M = 3.00				
ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF
0.10	1.182	-0.590	.291	.774	0.01	1.062	-0.560	.304	.695	0.00	.961	-7.174	.135	.553	5.90	.689	-6.342	.102	.499
0.15	1.177	-0.585	.290	.773	0.00	1.057	-0.555	.302	.693	0.00	.956	-6.942	.135	.550	4.90	.727	-5.218	.102	.494
0.20	1.172	-0.580	.289	.772	0.00	1.052	-0.550	.300	.692	0.00	.951	-6.530	.134	.548	3.90	.764	-4.095	.100	.490
0.25	1.167	-0.575	.288	.771	0.00	1.047	-0.545	.298	.691	0.00	.946	-6.117	.133	.546	2.90	.801	-2.976	.097	.486
0.30	1.162	-0.570	.287	.770	0.00	1.042	-0.540	.296	.690	0.00	.941	-5.705	.132	.544	1.90	.838	-1.857	.095	.482
0.35	1.157	-0.565	.286	.769	0.00	1.037	-0.535	.294	.689	0.00	.936	-5.293	.131	.542	0.90	.875	-0.738	.093	.478
0.40	1.152	-0.560	.285	.768	0.00	1.032	-0.530	.292	.688	0.00	.931	-4.881	.130	.540	-0.10	.912	.381	.091	.474
0.45	1.147	-0.555	.284	.767	0.00	1.027	-0.525	.290	.687	0.00	.926	-4.469	.129	.538	-1.10	.949	1.502	.089	.470
0.50	1.142	-0.550	.283	.766	0.00	1.022	-0.520	.288	.686	0.00	.921	-4.057	.128	.536	-2.10	.986	2.603	.087	.466
0.55	1.137	-0.545	.282	.765	0.00	1.017	-0.515	.286	.685	0.00	.916	-3.645	.127	.534	-3.10	1.023	3.704	.085	.462
0.60	1.132	-0.540	.281	.764	0.00	1.012	-0.510	.284	.684	0.00	.911	-3.233	.126	.532	-4.10	1.060	4.805	.083	.458
0.65	1.127	-0.535	.280	.763	0.00	1.007	-0.505	.282	.683	0.00	.906	-2.821	.125	.530	-5.10	1.097	5.906	.081	.454
0.70	1.122	-0.530	.279	.762	0.00	1.002	-0.500	.280	.682	0.00	.901	-2.409	.124	.528	-6.10	1.134	7.007	.079	.450
0.75	1.117	-0.525	.278	.761	0.00	0.997	-0.495	.278	.681	0.00	.896	-1.997	.123	.526	-7.10	1.171	8.108	.077	.446
0.80	1.112	-0.520	.277	.760	0.00	0.992	-0.490	.276	.680	0.00	.891	-1.585	.122	.524	-8.10	1.208	9.209	.075	.442
0.85	1.107	-0.515	.276	.759	0.00	0.987	-0.485	.274	.679	0.00	.886	-1.173	.121	.522	-9.10	1.245	10.310	.073	.438
0.90	1.102	-0.510	.275	.758	0.00	0.982	-0.480	.272	.678	0.00	.881	-0.761	.120	.520	-10.10	1.282	11.411	.071	.434
0.95	1.097	-0.505	.274	.757	0.00	0.977	-0.475	.270	.677	0.00	.876	-0.349	.119	.518	-11.10	1.319	12.512	.069	.430
1.00	1.092	-0.500	.273	.756	0.00	0.972	-0.470	.268	.676	0.00	.871	.063	.118	.516	-12.10	1.356	13.613	.067	.426
1.05	1.087	-0.495	.272	.755	0.00	0.967	-0.465	.266	.675	0.00	.866	.475	.117	.514	-13.10	1.393	14.714	.065	.422
1.10	1.082	-0.490	.271	.754	0.00	0.962	-0.460	.264	.674	0.00	.861	.887	.116	.512	-14.10	1.430	15.815	.063	.418
1.15	1.077	-0.485	.270	.753	0.00	0.957	-0.455	.262	.673	0.00	.856	1.299	.115	.510	-15.10	1.467	16.916	.061	.414
1.20	1.072	-0.480	.269	.752	0.00	0.952	-0.450	.260	.672	0.00	.851	1.711	.114	.508	-16.10	1.504	18.017	.059	.410
1.25	1.067	-0.475	.268	.751	0.00	0.947	-0.445	.258	.671	0.00	.846	2.123	.113	.506	-17.10	1.541	19.118	.057	.406
1.30	1.062	-0.470	.267	.750	0.00	0.942	-0.440	.256	.670	0.00	.841	2.535	.112	.504	-18.10	1.578	20.219	.055	.402
1.35	1.057	-0.465	.266	.749	0.00	0.937	-0.435	.254	.669	0.00	.836	2.947	.111	.502	-19.10	1.615	21.320	.053	.398
1.40	1.052	-0.460	.265	.748	0.00	0.932	-0.430	.252	.668	0.00	.831	3.359	.110	.500	-20.10	1.652	22.421	.051	.394
1.45	1.047	-0.455	.264	.747	0.00	0.927	-0.425	.250	.667	0.00	.826	3.771	.109	.498	-21.10	1.689	23.522	.049	.390
1.50	1.042	-0.450	.263	.746	0.00	0.922	-0.420	.248	.666	0.00	.821	4.183	.108	.496	-22.10	1.726	24.623	.047	.386
1.55	1.037	-0.445	.262	.745	0.00	0.917	-0.415	.246	.665	0.00	.816	4.595	.107	.494	-23.10	1.763	25.724	.045	.382
1.60	1.032	-0.440	.261	.744	0.00	0.912	-0.410	.244	.664	0.00	.811	5.007	.106	.492	-24.10	1.800	26.825	.043	.378
1.65	1.027	-0.435	.260	.743	0.00	0.907	-0.405	.242	.663	0.00	.806	5.419	.105	.490	-25.10	1.837	27.926	.041	.374
1.70	1.022	-0.430	.259	.742	0.00	0.902	-0.400	.240	.662	0.00	.801	5.831	.104	.488	-26.10	1.874	29.027	.039	.370
1.75	1.017	-0.425	.258	.741	0.00	0.897	-0.395	.238	.661	0.00	.796	6.243	.103	.486	-27.10	1.911	30.128	.037	.366
1.80	1.012	-0.420	.257	.740	0.00	0.892	-0.390	.236	.660	0.00	.791	6.655	.102	.484	-28.10	1.948	31.229	.035	.362
1.85	1.007	-0.415	.256	.739	0.00	0.887	-0.385	.234	.659	0.00	.786	7.067	.101	.482	-29.10	1.985	32.330	.033	.358
1.90	1.002	-0.410	.255	.738	0.00	0.882	-0.380	.232	.658	0.00	.781	7.479	.100	.480	-30.10	2.022	33.431	.031	.354
1.95	0.997	-0.405	.254	.737	0.00	0.877	-0.375	.230	.657	0.00	.776	7.891	.099	.478	-31.10	2.059	34.532	.029	.350
2.00	0.992	-0.400	.253	.736	0.00	0.872	-0.370	.228	.656	0.00	.771	8.303	.098	.476	-32.10	2.096	35.633	.027	.346
2.05	0.987	-0.395	.252	.735	0.00	0.867	-0.365	.226	.655	0.00	.766	8.715	.097	.474	-33.10	2.133	36.734	.025	.342
2.10	0.982	-0.390	.251	.734	0.00	0.862	-0.360	.224	.654	0.00	.761	9.127	.096	.472	-34.10	2.170	37.835	.023	.338
2.15	0.977	-0.385	.250	.733	0.00	0.857	-0.355	.222	.653	0.00	.756	9.539	.095	.470	-35.10	2.207	38.936	.021	.334
2.20	0.972	-0.380	.249	.732	0.00	0.852	-0.350	.220	.652	0.00	.751	9.951	.094	.468	-36.10	2.244	40.037	.019	.330
2.25	0.967	-0.375	.248	.731	0.00	0.847	-0.345	.218	.651	0.00	.746	10.363	.093	.466	-37.10	2.281	41.138	.017	.326
2.30	0.962	-0.370	.247	.730	0.00	0.842	-0.340	.216	.650	0.00	.741	10.775	.092	.464	-38.10	2.318	42.239	.015	.322
2.35	0.957	-0.365	.246	.729	0.00	0.837	-0.335	.214	.649	0.00	.736	11.187	.091	.462	-39.10	2.355	43.340	.013	.318
2.40	0.952	-0.360	.245	.728	0.00	0.832	-0.330	.212	.648	0.00	.731	11.599	.090	.460	-40.10	2.392	44.441	.011	.314
2.45	0.947	-0.355	.244	.727	0.00	0.827	-0.325	.210	.647	0.00	.726	12.011	.089	.458	-41.10	2.429	45.542	.009	.310
2.50	0.942	-0.350	.243	.726	0.00	0.822	-0.320	.208	.646	0.00	.721	12.423	.088	.456	-42.10	2.466	46.643	.007	.306
2.55	0.937	-0.345	.242	.725	0.00	0.817	-0.315	.206	.645	0.00	.716	12.835	.087	.454	-43.10	2.503	47.744	.005	.302
2.60	0.932	-0.340	.241	.724	0.00	0.812	-0.310	.204	.644	0.00	.711	13.247	.086	.452	-44.10	2.540	48.845	.003	.298
2.65	0.927	-0.335	.240	.723	0.00	0.807	-0.305	.202	.643	0.00	.706	13.659	.085	.450	-45.10	2.577	49.946	.001	.294
2.70	0.922	-0.330	.239	.722	0.00	0.802	-0.300	.200	.642	0.00	.701	14.071	.084	.448	-46.10	2.614	51.047	.000	.290
2.75	0.917	-0.325	.238	.721	0.00	0.797	-0.295	.198	.641	0.00	.696	14.483	.083	.446	-47.10	2.651	52.148	.000	.286
2.80	0.912	-0.320	.237	.720	0.00	0.792	-0.290	.196	.640	0.00	.691	14.895	.082	.444	-48.10	2.688	53.249	.000	.282
2.85	0.907	-0.315	.236	.719	0.00	0.787	-0.285	.194	.639	0.00	.686	15.307	.081	.442	-49.10	2.725	54.350	.000	.278
2.90	0.902	-0.310	.235	.718	0.00	0.782	-0.280	.192	.638	0.00	.681	15.719	.080	.440	-50.10	2.762	55.451	.000	.274
2.95	0.897	-0.305	.234	.717	0.00	0.777	-0.275	.190	.637	0.00	.676	16.131	.079	.438	-51.10	2.799	56.552	.000	.270
3.00	0.892	-0.300	.233	.716	0.00	0.772	-0.270	.188	.636	0.00	.671	16.543	.078	.436	-52.10	2.836	57.653	.000	.266

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M = 1.75 Q = 2.340 RN = .2500										M = 4.50 Q = 2.450 RN = .3200										M = 2.50 Q = 4.930 RN = .3200										M = 3.00 Q = 4.130 RN = .3100									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF												
5.06	.889	-5.808	.067	5.88	.859	-5.575	.047	372	1.073	-7.447	.157	.469	5.98	.984	-6.607	.122	.427	5.98	.984	-6.607	.122	.427	5.98	.984	-6.607	.122	.427												
4.86	.715	-4.679	.044	4.85	.690	-4.488	.047	358	.888	-6.201	.157	.491	4.97	.804	-5.451	.122	.435	4.97	.804	-5.451	.122	.435	4.97	.804	-5.451	.122	.435												
3.86	.554	-3.628	.067	3.84	.529	-3.435	.047	361	.696	-4.882	.147	.468	3.93	.628	-4.257	.122	.438	3.93	.628	-4.257	.122	.438	3.93	.628	-4.257	.122	.438												
2.81	.401	-2.632	.067	2.82	.379	-2.441	.047	370	.512	-3.603	.134	.479	2.88	.460	-3.122	.124	.440	2.88	.460	-3.122	.124	.440	2.88	.460	-3.122	.124	.440												
1.91	.250	-1.662	.067	1.79	.238	-1.545	.046	368	.425	-2.355	.127	.483	1.84	.280	-1.975	.127	.441	1.84	.280	-1.975	.127	.441	1.84	.280	-1.975	.127	.441												
1.28	.128	-1.164	.067	1.25	.166	-1.082	.046	381	.341	-1.451	.124	.491	1.30	.204	-1.384	.129	.417	1.30	.204	-1.384	.129	.417	1.30	.204	-1.384	.129	.417												
1.06	.108	-1.003	.066	.78	.101	-.884	.046	351	.254	-1.143	.148	.589	.87	.121	-.959	.130	.419	.87	.121	-.959	.130	.419	.87	.121	-.959	.130	.419												
.78	.108	-1.003	.066	.78	.101	-.884	.046	351	.254	-1.143	.148	.589	.87	.121	-.959	.130	.419	.87	.121	-.959	.130	.419	.87	.121	-.959	.130	.419												
.42	.079	-.593	.163	.42	.079	-.593	.163	.42	.079	-.593	.163	.42	.079	-.593	.163	.42	.079	-.593	.163	.42	.079	-.593	.163	.42	.079	-.593	.163	.42											
.12	-.022	-.187	.163	.12	-.022	-.187	.163	.12	-.022	-.187	.163	.12	-.022	-.187	.163	.12	-.022	-.187	.163	.12	-.022	-.187	.163	.12	-.022	-.187	.163	.12											
-.65	-.172	1.866	.165	-.65	-.172	1.866	.165	.657	-.172	1.866	.165	.657	-.172	1.866	.165	.657	-.172	1.866	.165	.657	-.172	1.866	.165	.657	-.172	1.866	.165	.657											
-.11	-.170	2.417	.166	-.11	-.170	2.417	.166	.655	-.170	2.417	.166	.655	-.170	2.417	.166	.655	-.170	2.417	.166	.655	-.170	2.417	.166	.655	-.170	2.417	.166	.655											
-.22	-.221	3.156	.166	-.22	-.221	3.156	.166	.655	-.22	-.221	3.156	.166	.655	-.22	-.221	3.156	.166	.655	-.22	-.221	3.156	.166	.655	-.22	-.221	3.156	.166	.655											
-.63	-.325	4.932	.166	-.63	-.325	4.932	.166	.657	-.63	-.325	4.932	.166	.657	-.63	-.325	4.932	.166	.657	-.63	-.325	4.932	.166	.657	-.63	-.325	4.932	.166	.657											
-.63	-.311	6.115	.166	-.63	-.311	6.115	.166	.653	-.63	-.311	6.115	.166	.653	-.63	-.311	6.115	.166	.653	-.63	-.311	6.115	.166	.653	-.63	-.311	6.115	.166	.653											

M = 1.75				M = 2.00				M = 2.50				M = 3.00				M = 3.50			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.22	1.301	-10.118	-227	6.12	1.217	-9.324	.555	6.07	1.091	-8.007	.165	5.92	.972	-6.841	-108	4.95	-972	-5.665	-107
.434	1.085	-8.807	-623	5.08	.994	-7.474	.201	5.04	-.899	-6.941	.186	4.95	-107	-5.665	-107	4.95	-107	-5.665	-107
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.623	.623	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702	-3.213	.170	3.89	.621	-4.412	-106	3.89	.621	-4.412	-106
.628	.628	-6.807	-209	4.05	.798	-4.917	.175	4.00	-.702										

Year	1963			1964			1965			1966			1967			1968			1969		
	ALP	CN	CAF	ALP	CN	CAF	ALP	CN	CAF	ALP	CN	CAF	ALP	CN	CAF	ALP	CN	CAF	ALP	CN	CAF
1963	5.485	8.74	-5.887	5.982	8.60	-5.769	5.92	8.60	-5.769	5.92	8.60	-5.769	5.92	8.60	-5.769	5.92	8.60	-5.769	5.92	8.60	-5.769
1964	5.485	7.09	-4.793	5.982	6.94	-4.672	5.92	6.94	-4.672	5.92	6.94	-4.672	5.92	6.94	-4.672	5.92	6.94	-4.672	5.92	6.94	-4.672
1965	5.485	5.68	-3.722	5.982	5.39	-3.634	5.92	5.39	-3.634	5.92	5.39	-3.634	5.92	5.39	-3.634	5.92	5.39	-3.634	5.92	5.39	-3.634
1966	5.485	4.81	-2.861	5.982	4.66	-2.691	5.92	4.66	-2.691	5.92	4.66	-2.691	5.92	4.66	-2.691	5.92	4.66	-2.691	5.92	4.66	-2.691
1967	5.485	4.26	-2.178	5.982	4.09	-2.059	5.92	4.09	-2.059	5.92	4.09	-2.059	5.92	4.09	-2.059	5.92	4.09	-2.059	5.92	4.09	-2.059
1968	5.485	3.75	-1.708	5.982	3.58	-1.597	5.92	3.58	-1.597	5.92	3.58	-1.597	5.92	3.58	-1.597	5.92	3.58	-1.597	5.92	3.58	-1.597
1969	5.485	3.25	-1.238	5.982	3.09	-1.128	5.92	3.09	-1.128	5.92	3.09	-1.128	5.92	3.09	-1.128	5.92	3.09	-1.128	5.92	3.09	-1.128
1970	5.485	2.77	-0.725	5.982	2.61	-0.615	5.92	2.61	-0.615	5.92	2.61	-0.615	5.92	2.61	-0.615	5.92	2.61	-0.615	5.92	2.61	-0.615
1971	5.485	2.27	-0.237	5.982	2.11	-0.127	5.92	2.11	-0.127	5.92	2.11	-0.127	5.92	2.11	-0.127	5.92	2.11	-0.127	5.92	2.11	-0.127
1972	5.485	1.77	-0.105	5.982	1.61	-0.095	5.92	1.61	-0.095	5.92	1.61	-0.095	5.92	1.61	-0.095	5.92	1.61	-0.095	5.92	1.61	-0.095
1973	5.485	1.27	0.188	5.982	1.11	0.178	5.92	1.11	0.178	5.92	1.11	0.178	5.92	1.11	0.178	5.92	1.11	0.178	5.92	1.11	0.178
1974	5.485	0.77	0.678	5.982	0.61	0.668	5.92	0.61	0.668	5.92	0.61	0.668	5.92	0.61	0.668	5.92	0.61	0.668	5.92	0.61	0.668
1975	5.485	0.27	1.179	5.982	0.11	1.169	5.92	0.11	1.169	5.92	0.11	1.169	5.92	0.11	1.169	5.92	0.11	1.169	5.92	0.11	1.169
1976	5.485	-0.23	1.678	5.982	-0.07	1.668	5.92	-0.07	1.668	5.92	-0.07	1.668	5.92	-0.07	1.668	5.92	-0.07	1.668	5.92	-0.07	1.668
1977	5.485	-0.73	2.173	5.982	-0.57	2.163	5.92	-0.57	2.163	5.92	-0.57	2.163	5.92	-0.57	2.163	5.92	-0.57	2.163	5.92	-0.57	2.163
1978	5.485	-1.23	2.668	5.982	-1.07	2.658	5.92	-1.07	2.658	5.92	-1.07	2.658	5.92	-1.07	2.658	5.92	-1.07	2.658	5.92	-1.07	2.658
1979	5.485	-1.73	3.163	5.982	-1.57	3.153	5.92	-1.57	3.153	5.92	-1.57	3.153	5.92	-1.57	3.153	5.92	-1.57	3.153	5.92	-1.57	3.153
1980	5.485	-2.23	3.658	5.982	-2.07	3.648	5.92	-2.07	3.648	5.92	-2.07	3.648	5.92	-2.07	3.648	5.92	-2.07	3.648	5.92	-2.07	3.648
1981	5.485	-2.73	4.153	5.982	-2.57	4.143	5.92	-2.57	4.143	5.92	-2.57	4.143	5.92	-2.57	4.143	5.92	-2.57	4.143	5.92	-2.57	4.143
1982	5.485	-3.23	4.648	5.982	-3.07	4.638	5.92	-3.07	4.638	5.92	-3.07	4.638	5.92	-3.07	4.638	5.92	-3.07	4.638	5.92	-3.07	4.638
1983	5.485	-3.73	5.143	5.982	-3.57	5.133	5.92	-3.57	5.133	5.92	-3.57	5.133	5.92	-3.57	5.133	5.92	-3.57	5.133	5.92	-3.57	5.133
1984	5.485	-4.23	5.638	5.982	-4.07	5.628	5.92	-4.07	5.628	5.92	-4.07	5.628	5.92	-4.07	5.628	5.92	-4.07	5.628	5.92	-4.07	5.628
1985	5.485	-4.73	6.133	5.982	-4.57	6.123	5.92	-4.57	6.123	5.92	-4.57	6.123	5.92	-4.57	6.123	5.92	-4.57	6.123	5.92	-4.57	6.123
1986	5.485	-5.23	6.628	5.982	-5.07	6.618	5.92	-5.07	6.618	5.92	-5.07	6.618	5.92	-5.07	6.618	5.92	-5.07	6.618	5.92	-5.07	6.618
1987	5.485	-5.73	7.123	5.982	-5.57	7.113	5.92	-5.57	7.113	5.92	-5.57	7.113	5.92	-5.57	7.113	5.92	-5.57	7.113	5.92	-5.57	7.113
1988	5.485	-6.23	7.618	5.982	-6.07	7.608	5.92	-6.07	7.608	5.92	-6.07	7.608	5.92	-6.07	7.608	5.92	-6.07	7.608	5.92	-6.07	7.608
1989	5.485	-6.73	8.113	5.982	-6.57	8.103	5.92	-6.57	8.103	5.92	-6.57	8.103	5.92	-6.57	8.103	5.92	-6.57	8.103	5.92	-6.57	8.103
1990	5.485	-7.23	8.608	5.982	-7.07	8.598	5.92	-7.07	8.598	5.92	-7.07	8.598	5.92	-7.07	8.598	5.92	-7.07	8.598	5.92	-7.07	8.598
1991	5.485	-7.73	9.103	5.982	-7.57	9.093	5.92	-7.57	9.093	5.92	-7.57	9.093	5.92	-7.57	9.093	5.92	-7.57	9.093	5.92	-7.57	9.093
1992	5.485	-8.23	9.598	5.982	-8.07	9.588	5.92	-8.07	9.588	5.92	-8.07	9.588	5.92	-8.07	9.588	5.92	-8.07	9.588	5.92	-8.07	9.588
1993	5.485	-8.73	10.093	5.982	-8.57	10.083	5.92	-8.57	10.083	5.92	-8.57	10.083	5.92	-8.57	10.083	5.92	-8.57	10.083	5.92	-8.57	10.083
1994	5.485	-9.23	10.588	5.982	-9.07	10.578	5.92	-9.07	10.578	5.92	-9.07	10.578	5.92	-9.07	10.578	5.92	-9.07	10.578	5.92	-9.07	10.578
1995	5.485	-9.73	11.083	5.982	-9.57	11.073	5.92	-9.57	11.073	5.92	-9.57	11.073	5.92	-9.57	11.073	5.92	-9.57	11.073	5.92	-9.57	11.073
1996	5.485	-10.23	11.578	5.982	-10.07	11.568	5.92	-10.07	11.568	5.92	-10.07	11.568	5.92	-10.07	11.568	5.92	-10.07	11.568	5.92	-10.07	11.568
1997	5.485	-10.73	12.073	5.982	-10.57	12.063	5.92	-10.57	12.063	5.92	-10.57	12.063	5.92	-10.57	12.063	5.92	-10.57	12.063	5.92	-10.57	12.063
1998	5.485	-11.23	12.568	5.982	-11.07	12.558	5.92	-11.07	12.558	5.92	-11.07	12.558	5.92	-11.07	12.558	5.92	-11.07	12.558	5.92	-11.07	12.558
1999	5.485	-11.73	13.063	5.982	-11.57	13.053	5.92	-11.57	13.053	5.92	-11.57	13.053	5.92	-11.57	13.053	5.92	-11.57	13.053	5.92	-11.57	13.053
2000	5.485	-12.23	13.558	5.982	-12.07	13.548	5.92	-12.07	13.548	5.92	-12.07	13.548	5.92	-12.07	13.548	5.92	-12.07	13.548	5.92	-12.07	13.548
2001	5.485	-12.73	14.053	5.982	-12.57	14.043	5.92	-12.57	14.043	5.92	-12.57	14.043	5.92	-12.57	14.043	5.92	-12.57	14.043	5.92	-12.57	14.043
2002	5.485	-13.23	14.548	5.982	-13.07	14.538	5.92	-13.07	14.538	5.92	-13.07	14.538	5.92	-13.07	14.538	5.92	-13.07	14.538	5.92	-13.07	14.538
2003	5.485	-13.73	15.043	5.982	-13.57	15.033	5.92	-13.57	15.033	5.92	-13.57	15.033	5.92	-13.57	15.033	5.92	-13.57	15.033	5.92	-13.57	15.033
2004	5.485	-14.23	15.538	5.982	-14.07	15.528	5.92	-14.07	15.528	5.92	-14.07	15.528	5.92	-14.07	15.528	5.92	-14.07	15.528	5.92	-14.07	15.528
2005	5.485	-14.73	16.033	5.982	-14.57	16.023	5.92	-14.57	16.023	5.92	-14.57	16.023	5.92	-14.57	16.023	5.92	-14.57	16.023	5.92	-14.57	16.023
2006	5.485	-15.23	16.528	5.982	-15.07	16.518	5.92	-15.07	16.518	5.92	-15.07	16.518	5.92	-15.07	16.518	5.92	-15.07	16.518	5.92	-15.07	16.518
2007	5.485	-15.73	17.023	5.982	-15.57	17.013	5.92	-15.57	17.013	5.92	-15.57	17.013	5.92	-15.57	17.013	5.92	-15.57	17.013	5.92	-15.57	17.013
2008	5.485	-16.23	17.518	5.982	-16.07	17.508	5.92	-16.07	17.508	5.92	-16.07	17.508	5.92	-16.07	17.508	5.92	-16.07	17.508	5.92	-16.07	17.508
2009	5.485	-16.73	18.013	5.982	-16.57	18.003	5.92	-16.57	18.003	5.92	-16.57	18.003	5.92	-16.57	18.003	5.92	-16.57	18.003	5.92	-16.57	18.003
2010	5.485	-17.23	18.508	5.982	-17.07	18.498	5.92	-17.07	18.498	5.92	-17.07	18.498	5.92	-17.07	18.498	5.92	-17.07	18.498	5.92	-17.07	18.498
2011	5.485	-17.73	19.003	5.982	-17.57	19.003	5.92	-17.57	19.003	5.92	-17.57	19.003	5.92	-17.57	19.003	5.92	-17.57	19.003	5.92	-17.57	19.003
2012	5.485	-18.23	19.498	5.982	-18.07	19.498	5.92	-18.07	19.498	5.92	-18.07	19.498	5.92	-18.07	19.498	5.92	-18.07	19.498	5.92	-18.07	19.498
2013	5.485	-18.73	19.993	5.982	-18.57	19.993	5.92	-18.57	19.993	5.92	-18.57	19.993	5.92	-18.57	19.993	5.92	-18.57	19.993	5.92	-18.57	19.993
2014	5.485	-19.23	20.488	5.982	-19.07	20.488	5.92	-19.07	20.488	5.92	-19.07	20.488	5.92	-19.07	20.488	5.92	-19.07	20.488	5.92	-19.07	20.488
2015	5.485	-19.73	20.983	5.982	-19.57	20.983	5.92	-19.57	20.983	5.92	-19.57	20.983	5.92	-19.57	20.983	5.92	-19.57	20.983	5.92	-19.57	20.983
2016	5.485	-20.23	21.478	5.982	-20.07	21.478	5.92	-20.07	21.478	5.92	-20.07	21.478	5.92	-20.07	21.478	5.92	-20.07	21.478	5.92	-20.07	21.478
2017	5.485	-20.73	21.973	5.982	-20.57	21.973	5.92	-20.57	21.973	5.92	-20.57	21.973	5.92	-20.57	21.973	5.92	-20.57	21.973	5.92	-20.57	21.973
2018	5.485	-21.23	22.468	5.982	-21.07	22.468	5.92	-21.07	22.468	5.92	-21.07	22.468	5.92	-21.07	22.468	5.92	-21.07	22.468	5.92	-21.07	

Table 34. Aerodynamic Coefficients for Configuration BLT10X1

M = 1.75				M = 2.00				M = 2.50				M = 3.00				M = 3.50			
ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF
6.74	1.500	-11.903	.191	6.72	1.432	-10.537	.221	6.14	1.350	-9.800	.143	6.03	1.237	-8.828	.097	5.00	1.023	-7.334	.556
9.20	1.298	-8.413	.187	9.12	1.219	-8.732	.218	5.11	1.110	-8.105	.139	5.00	1.023	-7.334	.095	3.97	.803	-5.786	.553
6.15	1.018	-7.690	.184	6.10	.919	-6.732	.211	4.06	.874	-6.402	.135	3.97	.803	-5.786	.088	2.92	.591	-4.271	.554
3.07	.748	-5.651	.186	3.04	.673	-4.944	.224	1.95	.419	-3.710	.130	1.83	.287	-3.171	.087	1.33	.207	-1.936	.567
2.00	.683	-3.662	.186	1.97	.633	-3.209	.221	1.39	.296	-2.131	.128	1.33	.207	-1.936	.085	.82	.162	-1.173	.567
1.44	.344	-2.608	.185	1.41	.307	-2.263	.223	.87	.187	-1.373	.129	.82	.162	-1.173	.084	.29	.042	-.444	.560
.93	.221	-1.649	.183	.89	.196	-1.444	.223	.34	.074	-.560	.129	.29	.042	-.444	.084	.22	.043	.314	.555
.58	.084	-.711	.182	.56	.079	-.583	.223	-.16	-.035	.265	.129	.22	.043	.314	.084	.22	.043	.314	.555
.34	.044	-.356	.182	.33	.044	-.356	.223	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.48	-.144	1.237	.183	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.68	-.287	2.143	.183	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.19	-.287	2.143	.183	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.17	-.416	3.136	.183	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.26	-.545	4.117	.182	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.23	-.799	6.006	.182	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555
-.36	-.1067	8.027	.182	-.71	-.156	1.166	.224	-.70	-.149	1.100	.129	.22	.043	.314	.084	.22	.043	.314	.555

M = 4.00				M = 4.50				M = 5.00				M = 5.50				M = 6.00			
ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF
3.84	1.043	-7.106	.051	3.84	.995	-6.749	.039	3.84	.995	-6.749	.039	3.84	.995	-6.749	.039	3.84	.995	-6.749	.039
3.84	.880	-6.547	.051	3.84	.808	-6.502	.039	3.84	.808	-6.502	.039	3.84	.808	-6.502	.039	3.84	.808	-6.502	.039
2.81	.676	-3.277	.051	2.82	.655	-3.106	.039	2.82	.655	-3.106	.039	2.82	.655	-3.106	.039	2.82	.655	-3.106	.039
1.80	.301	-2.089	.051	1.80	.287	-1.967	.039	1.80	.287	-1.967	.039	1.80	.287	-1.967	.039	1.80	.287	-1.967	.039
1.24	.204	-1.485	.051	1.24	.200	-1.389	.039	1.24	.200	-1.389	.039	1.24	.200	-1.389	.039	1.24	.200	-1.389	.039
.72	.061	-.798	.052	.72	.125	-.872	.039	.72	.125	-.872	.039	.72	.125	-.872	.039	.72	.125	-.872	.039
.27	-.048	-.340	.052	.27	.042	-.391	.040	.27	.042	-.391	.040	.27	.042	-.391	.040	.27	.042	-.391	.040
-.19	-.134	.940	.052	-.19	-.124	.870	.041	-.19	-.124	.870	.041	-.19	-.124	.870	.041	-.19	-.124	.870	.041
-.19	-.221	1.543	.052	-.19	-.204	1.414	.041	-.19	-.204	1.414	.041	-.19	-.204	1.414	.041	-.19	-.204	1.414	.041
-.19	-.303	2.094	.052	-.19	-.283	1.949	.041	-.19	-.283	1.949	.041	-.19	-.283	1.949	.041	-.19	-.283	1.949	.041
-.23	-.389	2.685	.052	-.23	-.357	2.429	.040	-.23	-.357	2.429	.040	-.23	-.357	2.429	.040	-.23	-.357	2.429	.040
-.31	-.484	3.316	.051	-.31	-.441	3.041	.039	-.31	-.441	3.041	.039	-.31	-.441	3.041	.039	-.31	-.441	3.041	.039
-.43	-.744	5.111	.051	-.43	-.541	4.781	.038	-.43	-.541	4.781	.038	-.43	-.541	4.781	.038	-.43	-.541	4.781	.038

Table 35. Aerodynamic Coefficients for Configuration B1T10X2

M = 1.75		Q = 0.200		RN = .3600		M = 2.00		Q = 5.650		RN = .3400		M = 2.50		Q = 4.930		RN = .3200		M = 3.00		Q = 4.130		RN = .3100	
ALP	CAF	CM	CAB	CAF	CAB	ALP	CAF	CM	CAB	CAF	CAB	ALP	CAF	CM	CAB	CAF	CAB	ALP	CAF	CM	CAB	CAF	CAB
1.663	1.940	-13.606	.267	.760	.267	8.12	1.353	-12.660	.184	.680	.184	6.07	1.433	-11.100	.120	.593	6.00	1.250	-9.364	.085	.555	.555	.555
1.776	1.172	-11.132	.239	.741	.239	4.02	1.019	-9.219	.171	.679	.171	9.04	1.182	-9.7324	.111	.597	4.97	1.027	-7.768	.084	.554	.554	.554
1.085	0.791	-8.791	.235	.735	.235	2.06	.749	-6.033	.160	.681	.160	4.00	.929	-7.324	.111	.601	3.95	.810	-6.137	.080	.561	.561	.561
1.117	.805	-8.215	.222	.751	.222	1.91	.683	-3.913	.155	.672	.155	2.94	.680	-5.377	.107	.597	1.87	.384	-2.645	.080	.556	.556	.556
1.140	.881	-9.079	.221	.738	.221	1.36	.339	-2.733	.154	.677	.154	1.36	.311	-2.493	.104	.607	1.34	.271	-2.073	.080	.559	.559	.559
.98	.250	-2.036	.220	.747	.220	.86	.213	-1.724	.156	.669	.156	.86	.072	-1.605	.101	.610	.82	.163	-1.249	.080	.555	.555	.555
.48	.117	-0.932	.218	.757	.218	.15	.064	-.380	.152	.677	.152	.18	.040	-.325	.101	.610	.28	.058	-.449	.080	.553	.553	.553
.06	.015	-.153	.217	.741	.217	.74	.185	1.497	.151	.676	.151	.73	.187	1.322	.102	.599	.23	.044	1.338	.081	.563	.563	.563
.156	1.270	.741	.761	.761	.761	1.24	.311	2.514	.176	.676	.176	.23	.187	1.322	.102	.612	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567
.142	.142	-.142	.217	.741	.217	1.77	.446	3.604	.153	.671	.153	.23	.187	1.322	.102	.608	.72	.156	1.928	.081	.567	.567	.567</

Table 37. Aerodynamic Coefficients for Configuration BlT11X1

M	Q = 1.75				Q = 2.000				Q = 2.250				Q = 2.500				Q = 2.750				Q = 3.000				Q = 3.250				Q = 3.500				Q = 3.750				Q = 4.000				Q = 4.250				Q = 4.500				Q = 4.750				Q = 5.000				Q = 5.250				Q = 5.500				Q = 5.750				Q = 6.000				Q = 6.250				Q = 6.500				Q = 6.750				Q = 7.000				Q = 7.250				Q = 7.500				Q = 7.750				Q = 8.000				Q = 8.250				Q = 8.500				Q = 8.750				Q = 9.000				Q = 9.250				Q = 9.500				Q = 9.750				Q = 10.000				Q = 10.250				Q = 10.500				Q = 10.750				Q = 11.000				Q = 11.250				Q = 11.500				Q = 11.750				Q = 12.000				Q = 12.250				Q = 12.500				Q = 12.750				Q = 13.000				Q = 13.250				Q = 13.500				Q = 13.750				Q = 14.000				Q = 14.250				Q = 14.500				Q = 14.750				Q = 15.000				Q = 15.250				Q = 15.500				Q = 15.750				Q = 16.000				Q = 16.250				Q = 16.500				Q = 16.750				Q = 17.000				Q = 17.250				Q = 17.500				Q = 17.750				Q = 18.000				Q = 18.250				Q = 18.500				Q = 18.750				Q = 19.000				Q = 19.250				Q = 19.500				Q = 19.750				Q = 20.000				Q = 20.250				Q = 20.500				Q = 20.750				Q = 21.000				Q = 21.250				Q = 21.500				Q = 21.750				Q = 22.000				Q = 22.250				Q = 22.500				Q = 22.750				Q = 23.000				Q = 23.250				Q = 23.500				Q = 23.750				Q = 24.000				Q = 24.250				Q = 24.500				Q = 24.750				Q = 25.000				Q = 25.250				Q = 25.500				Q = 25.750				Q = 26.000				Q = 26.250				Q = 26.500				Q = 26.750				Q = 27.000				Q = 27.250				Q = 27.500				Q = 27.750				Q = 28.000				Q = 28.250				Q = 28.500				Q = 28.750				Q = 29.000				Q = 29.250				Q = 29.500				Q = 29.750				Q = 30.000				Q = 30.250				Q = 30.500				Q = 30.750				Q = 31.000				Q = 31.250				Q = 31.500				Q = 31.750				Q = 32.000				Q = 32.250				Q = 32.500				Q = 32.750				Q = 33.000				Q = 33.250				Q = 33.500				Q = 33.750				Q = 34.000				Q = 34.250				Q = 34.500				Q = 34.750				Q = 35.000				Q = 35.250				Q = 35.500				Q = 35.750				Q = 36.000				Q = 36.250				Q = 36.500				Q = 36.750				Q = 37.000				Q = 37.250				Q = 37.500				Q = 37.750				Q = 38.000				Q = 38.250				Q = 38.500				Q = 38.750				Q = 39.000				Q = 39.250				Q = 39.500				Q = 39.750				Q = 40.000				Q = 40.250				Q = 40.500				Q = 40.750				Q = 41.000				Q = 41.250				Q = 41.500				Q = 41.750				Q = 42.000				Q = 42.250				Q = 42.500				Q = 42.750				Q = 43.000				Q = 43.250				Q = 43.500				Q = 43.750				Q = 44.000				Q = 44.250				Q = 44.500				Q = 44.750				Q = 45.000				Q = 45.250				Q = 45.500				Q = 45.750				Q = 46.000				Q = 46.250				Q = 46.500				Q = 46.750				Q = 47.000				Q = 47.250				Q = 47.500				Q = 47.750				Q = 48.000				Q = 48.250				Q = 48.500				Q = 48.750				Q = 49.000				Q = 49.250				Q = 49.500				Q = 49.750				Q = 50.000				Q = 50.250				Q = 50.500				Q = 50.750				Q = 51.000				Q = 51.250				Q = 51.500				Q = 51.750				Q = 52.000				Q = 52.250				Q = 52.500				Q = 52.750				Q = 53.000				Q = 53.250				Q = 53.500				Q = 53.750				Q = 54.000				Q = 54.250				Q = 54.500				Q = 54.750				Q = 55.000				Q = 55.250				Q = 55.500				Q = 55.750				Q = 56.000				Q = 56.250				Q = 56.500				Q = 56.750				Q = 57.000				Q = 57.250				Q = 57.500				Q = 57.750				Q = 58.000				Q = 58.250				Q = 58.500				Q = 58.750				Q = 59.000				Q = 59.250				Q = 59.500				Q = 59.750				Q = 60.000				Q = 60.250				Q = 60.500				Q = 60.750				Q = 61.000				Q = 61.250				Q = 61.500				Q = 61.750				Q = 62.000				Q = 62.250				Q = 62.500				Q = 62.750				Q = 63.000				Q = 63.250				Q = 63.500				Q = 63.750				Q = 64.000				Q = 64.250				Q = 64.500				Q = 64.750				Q = 65.000				Q = 65.250				Q = 65.500				Q = 65.750				Q = 66.000				Q = 66.250				Q = 66.500				Q = 66.750				Q = 67.000				Q = 67.250				Q = 67.500				Q = 67.750				Q = 68.000				Q = 68.250				Q = 68.500				Q = 68.750				Q = 69.000				Q = 69.250				Q = 69.500				Q = 69.750				Q = 70.000				Q = 70.250				Q = 70.500				Q = 70.750				Q = 71.000				Q = 71.250				Q = 71.500				Q = 71.750				Q = 72.000				Q = 72.250				Q = 72.500				Q = 72.750				Q = 73.000				Q = 73.250				Q = 73.500				Q = 73.750				Q = 74.000				Q = 74.250				Q = 74.500				Q = 74.750				Q = 75.000				Q = 75.250				Q = 75.500				Q = 75.750				Q = 76.000				Q = 76.250				Q = 76.500				Q = 76.750				Q = 77.000				Q = 77.250				Q = 77.500				Q = 77.750				Q = 78.000				Q = 78.250				Q = 78.500				Q = 78.750				Q = 79.000				Q = 79.250				Q = 79.500				Q = 79.750				Q = 80.000				Q = 80.250				Q = 80.500				Q = 80.750				Q = 81.000				Q = 81.250				Q = 81.500				Q = 81.750				Q = 82.000				Q = 82.250				Q = 82.500				Q = 82.750				Q = 83.000				Q = 83.250				Q = 83.500				Q = 83.750				Q = 84.000				Q = 84.250				Q = 84.500				Q = 84.750				Q = 85.000				Q = 85.250				Q = 85.500				Q = 85.750				Q = 86.000				Q = 86.250				Q = 86.500				Q = 86.750				Q = 87.000				Q = 87.250				Q = 87.500				Q = 87.750				Q = 88.000				Q = 88.250				Q = 88.500				Q = 88.750				Q = 89.000				Q = 89.250				Q = 89.500				Q = 89.750				Q = 90.000				Q = 90.250				Q = 90.500				Q = 90.750				Q = 91.000				Q = 91.250				Q = 91.500				Q = 91.750				Q = 92.000				Q = 92.250				Q = 92.500				Q = 92.750				Q = 93.000				Q = 93.250				Q = 93.500				Q = 93.750				Q = 94.000				Q = 94.250				Q = 94.500				Q = 94.750				Q = 95.000				Q = 95.250				Q = 95.500				Q = 95.750				Q = 96.000				Q = 96.250				Q = 96.500				Q = 96.750				Q = 97.000				Q = 97.250				Q = 97.500				Q = 97.750				Q = 98.000				Q = 98.250				Q = 98.500				Q = 98.750				Q = 99.000				Q = 99.250				Q = 99.500				Q = 99.750				Q = 100.000				Q = 100.250				Q = 100.500				Q = 100.750				Q = 101.000				Q = 101.250				Q = 101.500				Q = 101.750				Q = 102.000				Q = 102.250				Q = 102.500				Q = 102.750				Q = 103.000				Q = 103.250				Q = 103.500				Q = 103.750				Q = 104.000				Q = 104.250				Q = 104.500				Q = 104.750				Q = 105.000				Q = 105.250				Q = 105.500				Q = 105.750				Q = 106.000				Q = 106.250				Q = 106.500				Q = 106.750				Q = 107.000				Q = 107.250				Q = 107.500				Q = 107.750				Q = 108.000				Q = 108.250				Q = 108.500				Q = 108.750				Q = 109.000				Q = 109.250				Q = 109.500				Q = 109.750				Q = 110.000				Q = 110.250				Q = 110.500				Q = 110.750				Q = 111.000				Q = 111.250				Q = 111.500				Q = 111.750				Q = 112.000				Q = 112.250				Q = 112.500				Q = 112.750				Q = 113.000				Q = 113.250				Q = 113.500				Q = 113.750				Q = 114.000				Q = 114.250				Q = 114.500				Q = 114.750				Q = 115.000				Q = 115.250				Q = 115.500				Q = 115.750				Q = 116.000				Q = 116.250				Q = 116.500				Q = 116.750				Q = 117.000				Q = 117.250				Q = 117.500				Q = 117.750				Q = 118.000				Q = 118.250				Q = 118.500				Q = 118.750				Q = 119.000				Q = 119.250				Q = 119.500				Q = 119.750				Q = 120.000				Q = 120.250				Q = 120.500				Q = 120.750				Q = 121.000				Q = 121.250				Q = 121.500				Q = 121.750				Q = 122.000				Q = 122.250				Q = 122.500				Q = 122.750				Q = 123.000				Q = 123.250				Q = 123.500				Q = 123.750				Q = 124.000				Q = 124.250				Q = 124.500				Q = 124.750				Q = 125.000				Q = 125.250				Q = 125.500				Q = 125.750				Q = 126.000				Q = 126.250				Q = 126.500				Q = 126.750				Q = 127.000				Q = 127.250				Q = 127.500				Q = 127.750				Q = 128.000				Q = 128.250				Q = 128.500				Q = 128.750				Q = 129.000				Q = 129.250				Q = 129.500				Q = 129.750				Q = 130.000				Q = 130.250				Q = 130.500				Q = 130.750				Q = 131.000				Q = 131.250				Q = 131.500				Q = 131.750				Q = 132.000				Q = 132.250				Q = 132.500				Q = 132.750				Q = 133.000				Q = 133.250				Q = 133.500				Q = 133.750				Q = 134.000				Q = 134.250				Q = 134.500				Q = 134.750				Q = 135.000				Q = 135.250				Q = 135.500				Q = 135.750				Q = 136.000				Q = 136.250				Q = 136.500				Q = 136.750				Q = 137.000				Q = 137.250				Q = 137.500				Q = 137.750				Q = 138.000				Q = 138.250				Q = 138.500				Q = 138.750				Q = 139.000				Q = 139.250				Q = 139.500				Q = 139.750				Q = 140.000				Q = 140.250				Q = 140.500				Q = 140.750				Q = 141.000				Q = 141.250				Q = 141.500				Q = 141.750				Q = 142.000				Q = 142.250				Q = 142.500				Q = 142.750				Q = 143.000				Q = 143.250				Q = 143.500				Q = 143.750				Q = 144.000				Q = 144.250				Q = 144.500				Q = 144.750				Q = 145.000				Q = 145.250				Q = 145.500				Q = 145.750				Q = 146.000				Q = 146.250				Q = 146.500				Q = 146.750				Q = 147.000				Q = 147.250				Q = 147.500				Q = 147.750				Q = 148.000				Q = 148.250				Q = 148.500				Q = 148.750				Q = 149.000				Q = 149.250				Q = 149.500				Q = 149.750				Q = 150.000				Q = 150.250				Q = 150.500				Q = 150.750				Q = 151.000				Q = 151.250				Q = 151.500				Q = 151.750				Q = 152.000				Q = 152.250				Q = 152.500				Q = 152.750				Q = 153.000				Q = 153.250				Q = 153.500				Q = 153.750				Q = 154.000				Q = 154.250				Q = 154.500				Q = 154.750				Q = 155.000				Q = 155.250				Q = 155.500				Q = 155.750				Q = 156.000				Q = 156.250				Q = 156.500				Q = 156.750				Q = 157.000				Q = 157.250				Q = 157.500				Q = 157.750				Q = 158.000				Q = 158.250				Q = 158.500				Q = 158.750				Q = 159.000				Q = 159.250				Q = 159.500				Q = 159.750				Q = 160.000				Q = 160.250				Q = 160.500				Q = 160.750				Q = 161.000				Q = 161.250				Q = 161.500				Q = 161.750				Q = 162.000				Q = 162.250				Q = 162.500				Q = 162.750				Q = 163.000				Q = 163.250				Q = 163.500				Q = 163.750				Q = 164.000				Q = 164.250				Q = 164.500				Q = 164.750				Q = 165.000				Q = 165.250				Q = 165.500				Q = 165.750				Q = 166.000				Q = 166.250				Q = 166.500				Q = 166.750				Q = 167.000				Q = 167.250				Q = 167.500				Q = 167.750				Q = 168.000				Q = 168.250				Q = 168.500				Q = 168.750				Q = 169.000				Q = 169.250				Q = 169.500				Q = 169.750				Q = 170.000				Q = 170.250				Q = 170.500				Q = 170.750				Q = 171.000				Q = 171.250				Q = 171.500				Q = 171.750				Q = 172.000				Q = 172.250				Q = 172.500				Q = 172.750				Q = 173.000				Q = 173.250				Q = 173.500				Q = 173.750				Q = 174.000				Q = 174.250				Q = 174.500				Q = 174.750				Q = 175.000				Q = 175.250				Q = 175.500				Q = 175.750				Q = 176.000				Q = 176.250				Q = 176.500				Q = 176.750				Q = 177.000				Q = 177.250				Q = 177.500				Q = 177.750				Q = 178.000				Q = 178.250				Q = 178.500				Q = 178.750				Q = 179.000				Q = 179.250			
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Table 38. Aerodynamic Coefficients for Configuration BL11X2

M	1.75	Q	0	0.200	RM	-3000	CM	CAB	CAF
5.02	-0.13	1.292	-0.834	-175	309				
5.11	-0.11	1.277	-0.847	-178	308				
5.20	-0.09	1.262	-0.860	-181	307				
5.30	-0.07	1.247	-0.873	-184	306				
5.40	-0.05	1.232	-0.886	-187	305				
5.50	-0.03	1.217	-0.899	-190	304				
5.60	-0.01	1.202	-0.912	-193	303				
5.70	0.01	1.187	-0.925	-196	302				
5.80	0.03	1.172	-0.938	-199	301				
5.90	0.05	1.157	-0.951	-202	300				
6.00	0.07	1.142	-0.964	-205	299				
6.10	0.09	1.127	-0.977	-208	298				
6.20	0.11	1.112	-0.990	-211	297				
6.30	0.13	1.097	-1.003	-214	296				
6.40	0.15	1.082	-1.016	-217	295				
6.50	0.17	1.067	-1.029	-220	294				
6.60	0.19	1.052	-1.042	-223	293				
6.70	0.21	1.037	-1.055	-226	292				
6.80	0.23	1.022	-1.068	-229	291				
6.90	0.25	1.007	-1.081	-232	290				
7.00	0.27	9.92	-1.094	-235	289				
7.10	0.29	9.81	-1.107	-238	288				
7.20	0.31	9.70	-1.120	-241	287				
7.30	0.33	9.59	-1.133	-244	286				
7.40	0.35	9.48	-1.146	-247	285				
7.50	0.37	9.37	-1.159	-250	284				
7.60	0.39	9.26	-1.172	-253	283				
7.70	0.41	9.15	-1.185	-256	282				
7.80	0.43	9.04	-1.198	-259	281				
7.90	0.45	8.93	-1.211	-262	280				
8.00	0.47	8.82	-1.224	-265	279				
8.10	0.49	8.71	-1.237	-268	278				
8.20	0.51	8.60	-1.250	-271	277				
8.30	0.53	8.49	-1.263	-274	276				
8.40	0.55	8.38	-1.276	-277	275				
8.50	0.57	8.27	-1.289	-280	274				
8.60	0.59	8.16	-1.302	-283	273				
8.70	0.61	8.05	-1.315	-286	272				
8.80	0.63	7.94	-1.328	-289	271				
8.90	0.65	7.83	-1.341	-292	270				
9.00	0.67	7.72	-1.354	-295	269				
9.10	0.69	7.61	-1.367	-298	268				
9.20	0.71	7.50	-1.380	-301	267				
9.30	0.73	7.39	-1.393	-304	266				
9.40	0.75	7.28	-1.406	-307	265				
9.50	0.77	7.17	-1.419	-310	264				
9.60	0.79	7.06	-1.432	-313	263				
9.70	0.81	6.95	-1.445	-316	262				
9.80	0.83	6.84	-1.458	-319	261				
9.90	0.85	6.73	-1.471	-322	260				
10.00	0.87	6.62	-1.484	-325	259				

M	4.50	Q	2.050	RM	-3200	CM	CAB	CAF
5.02	-0.62	5.200	-0.99	333				
5.11	-0.63	5.190	-0.99	332				
5.20	-0.63	5.180	-0.99	331				
5.30	-0.63	5.170	-0.99	330				
5.40	-0.63	5.160	-0.99	329				
5.50	-0.63	5.150	-0.99	328				
5.60	-0.63	5.140	-0.99	327				
5.70	-0.63	5.130	-0.99	326				
5.80	-0.63	5.120	-0.99	325				
5.90	-0.63	5.110	-0.99	324				
6.00	-0.63	5.100	-0.99	323				
6.10	-0.63	5.090	-0.99	322				
6.20	-0.63	5.080	-0.99	321				
6.30	-0.63	5.070	-0.99	320				
6.40	-0.63	5.060	-0.99	319				
6.50	-0.63	5.050	-0.99	318				
6.60	-0.63	5.040	-0.99	317				
6.70	-0.63	5.030	-0.99	316				
6.80	-0.63	5.020	-0.99	315				
6.90	-0.63	5.010	-0.99	314				
7.00	-0.63	5.000	-0.99	313				
7.10	-0.63	4.990	-0.99	312				
7.20	-0.63	4.980	-0.99	311				
7.30	-0.63	4.970	-0.99	310				
7.40	-0.63	4.960	-0.99	309				
7.50	-0.63	4.950	-0.99	308				
7.60	-0.63	4.940	-0.99	307				
7.70	-0.63	4.930	-0.99	306				
7.80	-0.63	4.920	-0.99	305				
7.90	-0.63	4.910	-0.99	304				
8.00	-0.63	4.900	-0.99	303				
8.10	-0.63	4.890	-0.99	302				
8.20	-0.63	4.880	-0.99	301				
8.30	-0.63	4.870	-0.99	300				
8.40	-0.63	4.860	-0.99	299				
8.50	-0.63	4.850	-0.99	298				
8.60	-0.63	4.840	-0.99	297				
8.70	-0.63	4.830	-0.99	296				
8.80	-0.63	4.820	-0.99	295				
8.90	-0.63	4.810	-0.99	294				
9.00	-0.63	4.800	-0.99	293				
9.10	-0.63	4.790	-0.99	292				
9.20	-0.63	4.780	-0.99	291				
9.30	-0.63	4.770	-0.99	290				
9.40	-0.63	4.760	-0.99	289				
9.50	-0.63	4.750	-0.99	288				
9.60	-0.63	4.740	-0.99	287				
9.70	-0.63	4.730	-0.99	286				
9.80	-0.63	4.720	-0.99	285				
9.90	-0.63	4.710	-0.99	284				
10.00	-0.63	4.700	-0.99	283				

M	3.00	Q	4.130	RM	-3100	CM	CAB	CAF
5.02	-0.90	9.008	-6.334	-104	446			
5.11	-0.88	8.799	-5.190	-105	472			
5.20	-0.85	8.590	-4.077	-105	500			
5.30	-0.81	8.381	-2.981	-105	528			
5.40	-0.76	8.172	-1.891	-100	554			
5.50	-0.71	7.963	-0.801	-100	579			
5.60	-0.65	7.754	0.290	-100	604			
5.70	-0.59	7.545	1.380	-100	629			
5.80	-0.54	7.336	2.470	-100	654			
5.90	-0.48	7.127	3.560	-100	679			
6.00	-0.43	6.918	4.650	-100	704			
6.10	-0.37	6.709	5.740	-100	729			
6.20	-0.32	6.500	6.830	-100	754			
6.30	-0.26	6.291	7.920	-100	779			
6.40	-0.21	6.082	9.010	-100	804			
6.50	-0.15	5.873	10.100	-100	829			
6.60	-0.10	5.664	11.190	-100	854			
6.70	-0.04	5.455	12.280	-100	879			
6.80	0.01	5.246	13.370	-100	904			
6.90	0.06	5.037	14.460	-100	929			
7.00	0.11	4.828	15.550	-100	954			
7.10	0.16	4.619	16.640	-100	979			
7.20	0.21	4.410	17.730	-100	1004			
7.30	0.26	4.201	18.820	-100	1029			
7.40	0.31	3.992	19.910	-100	1054			
7.50	0.36	3.783	21.000	-100	1079			
7.60	0.41	3.574	22.090	-100	1104			
7.70	0.46	3.365	23.180	-100	1129			
7.80	0.51	3.156	24.270	-100	1154			
7.90	0.56	2.947	25.360	-100	1179			
8.00	0.61	2.738	26.450	-100	1204			
8.10	0.66	2.529	27.540	-100	1229			
8.20	0.71	2.320	28.630	-100	1254			
8.30	0.76	2.111	29.720	-100	1279			
8.40	0.81	1.902	30.810	-100	1304			
8.50	0.86	1.693	31.900	-100	1329			
8.60	0.91	1.484	32.990	-100	1354			
8.70	0.96	1.275	34.080	-100	1379			
8.80	1.01	1.066	35.170	-100	1404			
8.90	1.06	0.857	36.260	-100	1429			
9.00	1.11	0.648	37.350	-100	1454			
9.10	1.16	0.439	38.440	-100	1479			
9.20	1.21	0.230	39.530	-100	1504			
9.30	1.26	0.021	40.620	-100	1529			
9.40	1.31	-0.188	41.710	-100	1554			
9.50	1.36	-0.399	42.800	-100	1579			
9.60	1.41	-0.610	43.890	-100	1604			
9.70	1.46	-0.821	44.980	-100	1629			
9.80	1.51	-1.032	46.070	-100	1654			
9.90	1.56	-1.243	47.160	-100	1679			
10.00	1.61	-1.454	48.250	-100	1704			

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M = 1.75 Q = 0.200 RN = .3600				M = 2.500 Q = 2.500 RN = .2500				M = 4.00 Q = 2.340 RN = .2340				M = 4.50 Q = 2.450 RN = .3200				M = 3.00 Q = 4.130 RN = .3100				
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	
1.259	-10.434	.151	.286	5.75	1.074	-0.651	.140	5.97	1.004	-7.198	.136	5.95	.919	-6.688	.108	4.92	.768	-5.491	.108	
6.20	-1.062	-0.884	.151	3.75	.865	-0.992	.136	4.95	.842	-7.354	.136	4.92	.768	-5.491	.108	4.92	.768	-5.491	.108	
5.17	-0.462	-0.484	.145	3.49	.640	-5.340	.131	4.95	.842	-7.354	.136	4.92	.768	-5.491	.108	4.92	.768	-5.491	.108	
4.16	-0.113	-0.116	.145	2.66	.666	-3.776	.130	2.68	.671	-4.975	.133	2.66	.584	-4.312	.107	2.66	.584	-4.312	.107	
2.06	-0.07	-3.420	.144	1.61	.285	-7.532	.128	1.84	.302	-2.364	.128	1.83	.727	-1.171	.105	1.83	.727	-1.171	.105	
1.51	-.96	-2.483	.142	1.04	.089	-8.804	.124	1.31	.210	-1.644	.127	1.19	.116	-1.421	.103	1.19	.116	-1.421	.103	
1.02	-1.669	.141	.599	.05	.009	-0.078	.124	.80	.128	-1.057	.124	.26	.039	-.293	.102	.26	.039	-.293	.102	
.66	.091	-1.768	.142	.05	.009	-0.078	.124	.27	.038	-.300	.124	.24	-.034	-.256	.102	.24	-.034	-.256	.102	
.53	-.353	-.359	.922	.99	-0.080	-0.653	.123	.70	-.76	-1.122	.955	.124	.74	-.109	1.815	.102	.74	-.109	1.815	.102
.504	-.162	.584	.142	.99	-0.174	1.412	.123	.570	-.125	1.586	.127	.50	-.127	1.935	.102	.50	-.127	1.935	.102	
.573	.143	.573	.143	-1.69	-.282	2.127	.125	.564	-.177	-.280	.922	.509	-.177	-.280	.922	.509	-.177	-.280	.922	
.594	.144	.594	.144	-2.00	-.353	3.592	.126	.563	-.229	-.370	2.679	.500	-.328	3.557	.103	.563	-.328	3.557	.103	
.594	.144	.594	.144	-3.55	-.617	4.966	.129	.562	-.429	-.732	5.454	.503	-.429	-.732	.104	.562	-.429	-.732	.104	
.579	.145	.579	.145	-6.57	-.810	6.516	.131	.566	-4.31	-.108	5.454	.534	-4.31	-.644	.105	.566	-4.31	-.644	.105	

Table 40. Aerodynamic Coefficients for Configuration B1T12X1

M = .80 Q = 5.700				M = .90 Q = 6.520				M = .95 Q = 6.750				M = 1.00 Q = 7.090			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.24	-2.50	1.159	.497	-4.27	-2.70	1.362	.101	-4.28	-.285	1.492	.108	-4.28	-.273	1.405	.171
-5.14	-2.15	1.152	.517	-3.18	-.172	.785	.099	-3.20	-.186	.894	.102	-3.21	-.184	.918	.169
-2.11	-1.75	.653	.518	-2.11	-.083	.270	.096	-2.12	-.095	.371	.102	-2.13	-.106	.483	.169
-1.04	-.049	.248	.529	-1.04	-.028	.063	.092	-1.05	-.042	.202	.101	-1.05	-.036	.150	.167
.57	-.041	-.299	.530	.02	.007	-.103	.088	.03	.010	.034	.101	.03	.022	-.065	.165
1.08	.121	-.127	.522	1.10	.065	-.156	.085	1.10	.044	-.153	.103	1.11	.049	-.180	.166
1.22	.271	-.127	.547	2.17	.158	-.407	.085	2.18	.144	-.386	.102	2.19	.169	-.502	.169
3.22	.277	-.127	.547	4.53	.330	-.159	.092	4.57	.442	-.157	.108	4.57	.377	-.156	.187
6.46	.576	-.2427	.485	6.50	.584	-.2547	.102	6.54	.556	-.3.034	.117	6.56	.514	-.2.626	.181
M = 1.05 Q = 7.440				M = 1.10 Q = 7.700				M = 1.30 Q = 8.400				M = 1.50 Q = 8.560			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-6.31	-.272	1.356	.587	-6.33	-.274	1.349	.205	-6.37	-.267	1.259	.172	-6.44	-.337	1.718	.158
-3.23	-.194	.637	.600	-3.24	-.197	.940	.202	-3.26	-.185	.651	.165	-3.32	-.246	1.250	.150
-2.14	-.114	.279	.194	-2.15	-.118	.566	.200	-2.15	-.108	.491	.160	-2.21	-.158	.806	.145
-1.06	-.057	.227	.199	-1.06	-.049	.231	.198	-1.05	-.036	.165	.158	-1.09	-.074	.401	.143
.01	.005	-.372	.611	.03	.024	-.130	.198	.05	.033	-.143	.157	.02	.004	.033	.141
1.01	.095	-.372	.611	1.12	.097	-.471	.199	1.15	.104	-.491	.160	1.13	.085	-.340	.144
2.20	.158	-.277	.199	2.12	.158	-.277	.200	2.15	.142	-.282	.173	2.25	.169	-.752	.150
3.28	.248	-.154	.205	3.16	.248	-.154	.204	3.16	.248	-.154	.173	3.37	.262	-.1.225	.161
4.38	.320	-.154	.205	4.40	.325	-.1542	.204	4.48	.350	-.1.651	.187	4.78	.390	-.1.852	.187
6.37	.502	-.2.331	.588	6.40	.503	-.2.447	.214	6.73	.554	-.2.730	.197	6.78	.590	-.1.852	.187
				.03	.030	-.1.160	.198	.05	.036	-.1.171	.158	.02	.007	.016	.142
M = 1.75 Q = 8.700				M = 2.00 Q = 9.850				M = 2.50 Q = 4.930				M = 3.00 Q = 4.130			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
6.98	.770	-.3.465	.218	6.88	.755	-.3.483	.176	6.74	.775	-.3.445	.140	6.52	.790	-.3.784	.111
7.85	.666	-.3.212	.209	7.75	.632	-.3.059	.174	7.64	.637	-.2.955	.141	7.42	.640	-.2.975	.111
8.74	.535	-.2.941	.231	8.64	.520	-.2.497	.166	8.53	.519	-.2.371	.139	8.33	.515	-.2.343	.110
9.64	.436	-.2.136	.195	9.53	.422	-.2.016	.183	9.45	.417	-.1.885	.136	9.25	.407	-.1.818	.109
1.05	.255	-.1.277	.184	1.04	.245	-.1.345	.187	1.03	.238	-.1.056	.132	1.02	.231	-.1.002	.106
2.16	.171	-.4.829	.179	2.15	.162	-.2.769	.180	2.14	.161	-.1.099	.129	2.13	.159	-.652	.105
3.26	.128	-.6.003	.176	3.25	.122	-.2.944	.147	3.24	.118	-.510	.123	3.23	.119	-.481	.104
4.36	.091	-.6.596	.173	4.35	.084	-.2.990	.144	4.34	.081	-.344	.120	4.33	.070	-.312	.102
5.46	.053	-.2.235	.171	5.45	.045	-.2.11	.142	5.44	.041	-.1.78	.119	5.43	.031	-.1.61	.102
6.56	.015	-.1.054	.169	6.55	.008	-.1.041	.141	6.54	.004	-.1.020	.119	6.53	.004	-.018	.101
7.66	-.025	.122	.168	7.65	-.031	.142	.141	7.64	-.032	.138	.119	7.63	-.042	.187	.101
8.76	-.046	.319	.166	8.75	-.056	.228	.141	8.74	-.070	.309	.119	8.73	-.082	.295	.101
9.86	-.068	.708	.164	9.85	-.105	.474	.140	9.84	-.109	.440	.120	9.83	-.112	.592	.101
1.06	-.104	1.06	.174	1.05	-.145	.674	.140	1.04	-.153	.109	.119	1.03	-.158	.691	.101
2.16	-.232	1.130	.179	2.15	-.315	1.069	.140	2.14	-.301	.104	.122	2.13	-.323	.1.060	.102
3.26	-.313	1.537	.164	3.25	-.423	1.466	.147	3.24	-.421	.1.432	.126	3.23	-.432	1.452	.103

Table 41. Aerodynamic Coefficients for Configuration B1T12X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-0.26	-1.326	1.065	.162	-0.27	-1.305	1.070	.177	-0.28	-1.312	1.078	.205
-1.17	-1.226	1.048	.156	-3.19	-2.14	1.232	.166	-3.20	-2.10	1.202	.197
-2.10	-1.136	.966	.157	-2.12	-1.131	.729	.156	-2.12	-1.125	.684	.185
-1.04	-.063	.002	.150	-1.04	-.031	.103	.150	-1.05	-.049	.283	.183
1.02	.030	.208	.145	.03	.028	-1.164	.144	.02	-.020	-.095	.188
2.15	.285	.177	.147	2.17	.085	-1.660	.149	1.09	-.077	-.339	.185
2.15	.285	.177	.147	2.17	.085	-1.660	.149	1.09	-.077	-.339	.185
3.21	.284	-1.121	.154	3.24	.274	-1.571	.171	3.17	.165	-.875	.200
4.28	.171	-2.216	.162	4.32	.348	-2.131	.183	4.34	.164	-1.102	.215
6.42	.558	-3.175	.175	6.49	.568	-3.344	.212	6.51	.568	-3.388	.236
2.16	-.201	-1.296	.166	2.17	-.181	-1.004	.162	2.17	-.168	-.894	.193
-2.11	-.160	.021	.157	-2.12	-.127	.705	.156	-2.12	-.121	.657	.179
M = 1.05 Q = 7.460 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.50 Q = 8.540 RN = .3860			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-0.30	-1.249	1.003	.300	-0.32	-1.274	1.036	.280	-0.40	-1.339	1.019	.207
-3.22	-1.185	.916	.297	-3.22	-1.189	.956	.274	-3.28	-.247	1.376	.203
-2.13	-1.100	.849	.288	-2.16	-1.113	.843	.269	-2.18	-.155	.917	.200
-1.05	-.065	.027	.296	-1.05	-.035	.016	.286	-1.07	-.075	.493	.203
1.10	.054	.097	.282	.03	.010	-.031	.285	.05	.026	-.079	.201
2.18	.137	.197	.296	2.19	.124	-.247	.273	1.15	.105	.504	.199
3.27	.225	1.084	.300	3.28	.212	-.429	.283	3.38	.253	-1.554	.212
4.36	.316	1.628	.307	4.38	.303	-1.429	.290	4.50	.393	-2.096	.217
6.56	.521	-2.036	.316	6.58	.509	-2.680	.302	6.76	.622	-3.408	.227
2.18	-.134	-1.267	.295	2.19	-.124	-.428	.273	2.26	-.199	-1.024	.206
-2.13	-.104	.046	.287					-2.18	-.163	.969	.202
M = 1.75 Q = 8.700 RN = .3300				M = 2.00 Q = 5.850 RN = .3500				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
0.94	-.800	-0.355	.240	0.86	.785	-0.149	.200	0.47	.822	-0.199	.115
7.83	.682	-3.745	.237	7.76	.661	-3.498	.198	7.37	.668	-3.339	.116
9.42	.262	-2.154	.231	9.35	.248	-2.360	.197	5.72	-.559	4.468	.116
0.51	.372	-2.081	.218	0.47	.355	-1.896	.181	5.21	-.427	-2.091	.115
3.44	.280	-1.554	.213	3.18	.244	-1.424	.178	4.14	-.329	-1.604	.114
1.91	.191	-1.064	.210	2.10	.180	-.964	.176	3.08	-.257	-1.172	.112
1.80	.144	-.802	.208	1.74	.135	-.724	.174	1.47	.113	-.565	.112
1.25	.099	-.532	.207	1.20	.092	-.492	.173	.94	.073	-.369	.111
.71	.057	-.318	.206	.66	.053	-.283	.172	.42	.032	-.165	.111
.18	.016	-.089	.205	.14	.011	-.081	.171	.10	-.009	.049	.111
-.96	-.072	.199	.203	-.85	-.074	.400	.172	-.64	-.049	.247	.111
-1.99	-.160	.887	.206	-1.48	-.118	.632	.173	-1.16	-.089	.448	.111
-3.06	-.249	1.342	.209	-2.02	-.157	.841	.174	-2.23	-.172	.847	.110
-4.16	-.341	1.895	.213	-3.11	-.249	1.340	.176	-3.28	-.256	1.263	.110
				-4.20	-.336	1.701	.141	-4.35	-.346	1.701	.111

Table 42. Aerodynamic Coefficients for Configuration B1T12X5

M = .80 Q = 5.700 RN = .3810										M = .95 Q = 6.750 RN = .4090										M = 1.00 Q = 7.090 RN = .4190									
ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF
-4.23	-1.304	1.806	.190	.435	-4.26	-.284	1.400	.195	.434	-4.27	-.292	1.404	.217	.444	-4.28	-.274	1.507	.310	.470	-4.28	-.274	1.507	.310	.470	-4.28	-.274	1.507	.310	.470
-3.17	-.224	1.347	.184	.442	-3.18	-.195	1.039	.184	.439	-3.19	-.198	1.112	.207	.452	-3.20	-.184	.952	.297	.483	-3.20	-.184	.952	.297	.483	-3.20	-.184	.952	.297	.483
-2.10	-.144	.880	.183	.449	-2.11	-.121	.656	.176	.445	-2.12	-.127	.726	.198	.465	-2.12	-.102	.494	.288	.495	-2.12	-.102	.494	.288	.495	-2.12	-.102	.494	.288	.495
-1.04	-.070	.485	.178	.456	-1.05	-.073	.506	.164	.449	-1.05	-.041	.391	.189	.465	-1.05	-.045	.249	.281	.498	-1.05	-.045	.249	.281	.498	-1.05	-.045	.249	.281	.498
.02	-.035	-.243	.178	.468	.03	.048	-.362	.159	.450	.03	.023	-.119	.185	.463	.03	.015	-.035	.292	.499	.03	.015	-.035	.292	.499	.03	.015	-.035	.292	.499
1.09	.134	-.915	.178	.459	1.10	.140	-.999	.164	.450	1.09	.109	-.870	.200	.463	1.09	.079	-.345	.280	.498	1.10	.079	-.345	.280	.498	1.10	.079	-.345	.280	.498
2.15	.216	-1.472	.183	.454	2.16	.190	-1.122	.183	.442	2.17	.194	-1.199	.207	.456	2.17	.174	-.718	.317	.468	2.17	.174	-.718	.317	.468	2.17	.174	-.718	.317	.468
3.21	.287	-2.513	.183	.441	3.22	.253	-1.596	.193	.442	3.23	.281	-1.704	.207	.456	3.24	.254	-.844	.280	.468	3.24	.254	-.844	.280	.468	3.24	.254	-.844	.280	.468
4.26	.357	-3.573	.204	.431	4.27	.335	-2.122	.206	.434	4.28	.374	-1.522	.240	.440	4.29	.344	-.718	.317	.462	4.29	.344	-.718	.317	.462	4.29	.344	-.718	.317	.462
5.31	.391	-3.323	.204	.431	5.32	.355	-2.369	.223	.441	5.33	.422	-.574	.252	.440	5.34	.394	-.327	.317	.462	5.34	.394	-.327	.317	.462	5.34	.394	-.327	.317	.462
6.36	.391	-3.323	.204	.431	6.37	.355	-2.369	.223	.441	6.38	.422	-.574	.252	.440	6.39	.394	-.327	.317	.462	6.39	.394	-.327	.317	.462	6.39	.394	-.327	.317	.462
7.41	.391	-3.323	.204	.431	7.42	.355	-2.369	.223	.441	7.43	.422	-.574	.252	.440	7.44	.394	-.327	.317	.462	7.44	.394	-.327	.317	.462	7.44	.394	-.327	.317	.462
8.46	.391	-3.323	.204	.431	8.47	.355	-2.369	.223	.441	8.48	.422	-.574	.252	.440	8.49	.394	-.327	.317	.462	8.49	.394	-.327	.317	.462	8.49	.394	-.327	.317	.462
9.51	.391	-3.323	.204	.431	9.52	.355	-2.369	.223	.441	9.53	.422	-.574	.252	.440	9.54	.394	-.327	.317	.462	9.54	.394	-.327	.317	.462	9.54	.394	-.327	.317	.462
10.56	.391	-3.323	.204	.431	10.57	.355	-2.369	.223	.441	10.58	.422	-.574	.252	.440	10.59	.394	-.327	.317	.462	10.59	.394	-.327	.317	.462	10.59	.394	-.327	.317	.462
11.61	.391	-3.323	.204	.431	11.62	.355	-2.369	.223	.441	11.63	.422	-.574	.252	.440	11.64	.394	-.327	.317	.462	11.64	.394	-.327	.317	.462	11.64	.394	-.327	.317	.462
12.66	.391	-3.323	.204	.431	12.67	.355	-2.369	.223	.441	12.68	.422	-.574	.252	.440	12.69	.394	-.327	.317	.462	12.69	.394	-.327	.317	.462	12.69	.394	-.327	.317	.462
13.71	.391	-3.323	.204	.431	13.72	.355	-2.369	.223	.441	13.73	.422	-.574	.252	.440	13.74	.394	-.327	.317	.462	13.74	.394	-.327	.317	.462	13.74	.394	-.327	.317	.462
14.76	.391	-3.323	.204	.431	14.77	.355	-2.369	.223	.441	14.78	.422	-.574	.252	.440	14.79	.394	-.327	.317	.462	14.79	.394	-.327	.317	.462	14.79	.394	-.327	.317	.462
15.81	.391	-3.323	.204	.431	15.82	.355	-2.369	.223	.441	15.83	.422	-.574	.252	.440	15.84	.394	-.327	.317	.462	15.84	.394	-.327	.317	.462	15.84	.394	-.327	.317	.462
16.86	.391	-3.323	.204	.431	16.87	.355	-2.369	.223	.441	16.88	.422	-.574	.252	.440	16.89	.394	-.327	.317	.462	16.89	.394	-.327	.317	.462	16.89	.394	-.327	.317	.462
17.91	.391	-3.323	.204	.431	17.92	.355	-2.369	.223	.441	17.93	.422	-.574	.252	.440	17.94	.394	-.327	.317	.462	17.94	.394	-.327	.317	.462	17.94	.394	-.327	.317	.462
18.96	.391	-3.323	.204	.431	18.97	.355	-2.369	.223	.441	18.98	.422	-.574	.252	.440	18.99	.394	-.327	.317	.462	18.99	.394	-.327	.317	.462	18.99	.394	-.327	.317	.462
19.01	.391	-3.323	.204	.431	19.02	.355	-2.369	.223	.441	19.03	.422	-.574	.252	.440	19.04	.394	-.327	.317	.462	19.04	.394	-.327	.317	.462	19.04	.394	-.327	.317	.462
20.06	.391	-3.323	.204	.431	20.07	.355	-2.369	.223	.441	20.08	.422	-.574	.252	.440	20.09	.394	-.327	.317	.462	20.09	.394	-.327	.317	.462	20.09	.394	-.327	.317	.462
21.11	.391	-3.323	.204	.431	21.12	.355	-2.369	.223	.441	21.13	.422	-.574	.252	.440	21.14	.394	-.327	.317	.462	21.14	.394	-.327	.317	.462	21.14	.394	-.327	.317	.462
22.16	.391	-3.323	.204	.431	22.17	.355	-2.369	.223	.441	22.18	.422	-.574	.252	.440	22.19	.394	-.327	.317	.462	22.19	.394	-.327	.317	.462	22.19	.394	-.327	.317	.462
23.21	.391	-3.323	.204	.431	23.22	.355	-2.369	.223	.441	23.23	.422	-.574	.252	.440	23.24	.394	-.327	.317	.462	23.24	.394	-.327	.317	.462	23.24	.394	-.327	.317	.462
24.26	.391	-3.323	.204	.431	24.27	.355	-2.369	.223	.441	24.28	.422	-.574	.252	.440	24.29	.394	-.327	.317	.462	24.29	.394	-.327	.317	.462	24.29	.394	-.327	.317	.462
25.31	.391	-3.323	.204	.431	25.32	.355	-2.369	.223	.441	25.33	.422	-.574	.252	.440	25.34	.394	-.327	.317	.462	25.34	.394	-.327	.317	.462	25.34	.394	-.327	.317	.462
26.36	.391	-3.323	.204	.431	26.37	.355	-2.369	.223	.441	26.38	.422	-.574	.252	.440	26.39	.394	-.327	.317	.462	26.39	.394	-.327	.317	.462	26.39	.394	-.327	.317	.462
27.41	.391	-3.323	.204	.431	27.42	.355	-2.369	.223	.441	27.43	.422	-.574	.252	.440	27.44	.394	-.327	.317	.462	27.44	.394	-.327	.317	.462	27.44	.394	-.327	.317	.462
28.46	.391	-3.323	.204	.431	28.47	.355	-2.369	.223	.441	28.48	.422	-.574	.252	.440	28.49	.394	-.327	.317	.462	28.49	.394	-.327	.317	.462	28.49	.394	-.327	.317	.462
29.51	.391	-3.323	.204	.431	29.52	.355	-2.369	.223	.441	29.53	.422	-.574	.252	.440	29.54	.394	-.327	.317	.462	29.54	.394	-.327	.317	.462	29.54	.394	-.327	.317	.462
30.56	.391	-3.323	.204	.431	30.57	.355	-2.369	.223	.441	30.58	.422	-.574	.252	.440	30.59	.394	-.327	.317	.462	30.59	.394	-.327	.317	.462	30.59	.394	-.327	.317	.462
31.61	.391	-3.323	.204	.431	31.62	.355	-2.369	.223	.441	31.63	.422	-.574	.252	.440	31.64	.394	-.327	.317	.462	31.64	.394	-.327	.317	.462	31.64	.394	-.327	.317	.462
32.66	.391	-3.323	.204	.431	32.67	.355	-2.369	.223	.441	32.68	.422	-.574	.252	.440	32.69	.394	-.327	.317	.462	32.69	.394	-.327	.317	.462	32.69	.394	-.327	.317	.462
33.71	.391	-3.323	.204	.431	33.72	.355	-2.369	.223	.441	33.73	.422	-.574	.252	.440	33.74	.394	-.327	.317	.462	33.74	.394	-.327	.317	.462	33.74	.394	-.327	.317	.462
34.76	.391	-3.323	.204	.431	34.77	.355	-2.369	.223	.441	34.78	.422	-.574	.252	.440	34.79	.394	-.327	.317	.462	34.79	.394	-.327	.317	.462	34.79	.394	-.327	.317	.462
35.81	.391	-3.323	.204	.431	35.82	.355	-2.369	.223	.441	35.83	.422	-.574	.252	.440	35.84	.394	-.327	.317	.462	35.84	.394	-.327	.317	.462	35.84	.394	-.327	.317	.462
36.86	.391	-3.323	.204	.431	36.87	.355	-2.369	.223	.441	36.88	.422	-.574	.252	.440	36.89	.394	-.327	.317	.462	36.89	.394	-.327	.317	.462	36.89	.394	-.327	.317	.462
37.91	.391	-3.323	.204	.431	37.92	.355	-2.369	.223	.441	37.93	.422	-.574	.252	.440	37.94	.394	-.327	.											

Table 44. Aerodynamic Coefficients for Configuration BLT13X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.22	-2.61	1.605	.376	-4.25	-2.93	1.736	.357	-4.26	-2.70	1.495	.216	-4.27	-2.46	1.256	.281
-2.15	-1.66	1.016	.176	-3.75	-1.85	.968	.276	-3.18	-1.67	1.034	.211	-3.19	-1.66	.814	.277
-2.15	-1.66	.916	.186	-3.75	-1.85	.859	.337	-2.11	-1.03	.539	.207	-2.11	-0.94	.637	.274
-2.23	-1.67	.816	.207	-1.01	-1.08	.559	.337	-1.04	-0.34	.175	.213	-1.04	-0.25	.082	.280
-2.33	-1.67	.726	.166	-1.03	-0.21	.027	.376	-1.04	-0.34	.175	.213	-1.04	-0.25	.082	.280
-1.08	.115	-.662	.161	.03	.036	-.229	.376	.03	.036	-.229	.376	.04	.032	-.157	.281
2.15	.275	-1.449	.171	1.09	.097	-.505	.376	1.10	.094	-.472	.225	1.10	.088	-.491	.289
3.21	.295	-1.808	.170	2.17	.189	-1.046	.367	2.18	.188	-.748	.211	2.18	.188	-.748	.307
4.27	.269	-2.003	.184	3.24	.291	-1.735	.363	3.24	.291	-1.735	.363	3.24	.291	-1.735	.363
6.40	.205	-2.493	.201	6.42	.343	-2.307	.358	6.42	.343	-2.307	.358	6.42	.343	-2.307	.358
1.21	.298	-1.457	.173	6.47	.358	-2.337	.209	6.47	.358	-2.337	.209	6.47	.358	-2.337	.209
4.23	.205	-2.493	.201	1.03	.036	-.229	.376	1.03	.036	-.229	.376	1.03	.036	-.229	.376
-2.27	.352	-2.027	.181												
M = 1.05 Q = 7.460 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.29	-2.76	1.309	.290	-4.30	-2.65	1.366	.276	-4.35	-2.85	1.523	.218	-4.38	-3.04	1.613	.203
-2.20	-1.77	.489	.291	-3.21	-1.85	.968	.276	-3.24	-1.70	.907	.210	-3.27	-1.71	.787	.196
-2.13	-1.06	.519	.288	-1.05	-.047	.255	.266	-1.06	-.056	.360	.205	-1.07	-.066	.412	.190
-1.05	-.038	.174	.291	.04	.026	-.111	.276	.04	.018	-.011	.207	.03	.013	-.005	.189
1.03	.075	-.136	.305	1.11	.088	-.603	.273	1.14	.094	-.395	.210	1.14	.101	-.468	.193
1.10	.081	-.367	.298	2.19	.156	-.747	.276	2.23	.164	-.738	.220	2.25	.181	-.883	.203
2.18	.151	-1.023	.306	3.28	.229	-1.126	.277	3.33	.245	-1.137	.228	3.36	.272	-1.361	.209
4.26	.299	-1.496	.314	4.36	.298	-1.452	.282	4.44	.335	-1.640	.234	4.48	.368	-1.871	.216
6.53	.266	-2.497	.328	6.55	.474	-2.406	.296	6.67	.525	-2.686	.250	6.73	.569	-2.971	.223
1.10	.082	-.174	.298	1.11	.083	-.373	.274	.04	.015	-.000	.206	.04	.016	-.012	.189
M = 1.75 Q = 8.700 RN = .3900				M = 2.00 Q = 9.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
9.82	.737	-1.498	.236	9.78	.716	-3.548	.197	8.71	.755	-3.639	.152	8.55	.804	-3.949	.115
2.71	.511	-2.340	.220	6.86	.596	-2.540	.195	7.40	.616	-2.903	.152	7.47	.650	-3.086	.117
9.21	.504	-2.049	.220	9.47	.600	-1.867	.186	5.42	.403	-1.664	.149	6.37	.520	-2.410	.116
9.43	.727	-1.616	.217	6.38	.615	-1.550	.185	5.42	.403	-1.664	.149	5.29	.409	-1.659	.114
3.34	.240	-1.703	.213	3.30	.232	-1.440	.181	4.34	.313	-1.442	.146	4.23	.315	-1.413	.113
2.25	.154	-.791	.207	2.23	.153	-.752	.176	3.27	.230	-1.037	.142	3.17	.229	-1.016	.111
1.70	.117	-.562	.203	1.66	.114	-.561	.172	2.20	.152	-.697	.136	2.10	.146	-.653	.110
1.15	.082	-.373	.203	1.12	.077	-.381	.171	1.65	.113	-.526	.137	1.55	.106	-.472	.108
1.07	.077	-.373	.203	1.05	.073	-.373	.171	1.11	.077	-.373	.137	1.03	.074	-.373	.108
.07	.004	-.021	.234	.05	.003	-.008	.172	.05	.003	-.015	.137	.01	-.003	-.020	.108
-4.48	-.031	.136	.315	-1.02	-.070	.343	.172	-1.02	-.070	.328	.137	-1.09	-.037	.166	.108
-1.30	-.064	.344	.316	-1.55	-.104	.520	.174	-1.55	-.107	.499	.137	-1.09	-.074	.332	.108
-1.53	-.111	.562	.316	-2.07	-.145	.709	.175	-2.07	-.146	.673	.136	-1.60	-.109	.679	.108
-2.17	-.164	.751	.316	-3.17	-.224	1.056	.176	-3.17	-.224	1.033	.136	-2.15	-.150	.671	.109
-4.25	-.311	1.571	.206	-4.25	-.305	1.506	.176	-4.21	-.305	1.408	.136	-4.25	-.315	1.439	.108

Table 45. Aerodynamic Coefficients for Configuration B1T13X5

M = .80				M = .90				M = 1.00				M = 1.50				M = 3.00			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.22	-272	1.913	-205	-3.10	-225	1.931	-315	-4.27	-263	1.428	-299	-4.27	-263	1.428	-299	-4.37	-309	1.709	-227
-3.16	-197	1.111	-197	-2.10	-126	1.244	-161	-3.16	-181	.952	-291	-3.16	-181	.952	-291	-4.37	-309	1.709	-227
-2.10	-127	.723	-102	-1.10	-73	.836	-102	-2.12	-114	.616	-276	-2.12	-114	.616	-276	-2.17	-151	.875	-217
-1.04	-69	.307	-50	-1.04	-69	.307	-50	-1.05	-69	.307	-50	-1.05	-69	.307	-50	-1.07	-69	.307	-50
1.04	69	.307	50	1.04	69	.307	50	1.04	69	.307	50	1.04	69	.307	50	1.04	69	.307	50
2.10	127	.723	102	2.10	127	.723	102	2.10	127	.723	102	2.10	127	.723	102	2.10	127	.723	102
3.16	197	1.111	197	3.16	197	1.111	197	3.16	197	1.111	197	3.16	197	1.111	197	3.16	197	1.111	197
4.22	272	1.913	205	4.22	272	1.913	205	4.22	272	1.913	205	4.22	272	1.913	205	4.22	272	1.913	205
5.28	342	2.903	276	5.28	342	2.903	276	5.28	342	2.903	276	5.28	342	2.903	276	5.28	342	2.903	276
6.34	412	3.893	342	6.34	412	3.893	342	6.34	412	3.893	342	6.34	412	3.893	342	6.34	412	3.893	342
7.40	482	4.883	408	7.40	482	4.883	408	7.40	482	4.883	408	7.40	482	4.883	408	7.40	482	4.883	408
8.46	552	5.873	474	8.46	552	5.873	474	8.46	552	5.873	474	8.46	552	5.873	474	8.46	552	5.873	474
9.52	622	6.863	540	9.52	622	6.863	540	9.52	622	6.863	540	9.52	622	6.863	540	9.52	622	6.863	540
10.58	692	7.853	606	10.58	692	7.853	606	10.58	692	7.853	606	10.58	692	7.853	606	10.58	692	7.853	606
11.64	762	8.843	672	11.64	762	8.843	672	11.64	762	8.843	672	11.64	762	8.843	672	11.64	762	8.843	672
12.70	832	9.833	738	12.70	832	9.833	738	12.70	832	9.833	738	12.70	832	9.833	738	12.70	832	9.833	738
13.76	902	10.823	804	13.76	902	10.823	804	13.76	902	10.823	804	13.76	902	10.823	804	13.76	902	10.823	804
14.82	972	11.813	870	14.82	972	11.813	870	14.82	972	11.813	870	14.82	972	11.813	870	14.82	972	11.813	870
15.88	1042	12.803	936	15.88	1042	12.803	936	15.88	1042	12.803	936	15.88	1042	12.803	936	15.88	1042	12.803	936
16.94	1112	13.793	1002	16.94	1112	13.793	1002	16.94	1112	13.793	1002	16.94	1112	13.793	1002	16.94	1112	13.793	1002
18.00	1182	14.783	1068	18.00	1182	14.783	1068	18.00	1182	14.783	1068	18.00	1182	14.783	1068	18.00	1182	14.783	1068
19.06	1252	15.773	1134	19.06	1252	15.773	1134	19.06	1252	15.773	1134	19.06	1252	15.773	1134	19.06	1252	15.773	1134
20.12	1322	16.763	1200	20.12	1322	16.763	1200	20.12	1322	16.763	1200	20.12	1322	16.763	1200	20.12	1322	16.763	1200
21.18	1392	17.753	1266	21.18	1392	17.753	1266	21.18	1392	17.753	1266	21.18	1392	17.753	1266	21.18	1392	17.753	1266
22.24	1462	18.743	1332	22.24	1462	18.743	1332	22.24	1462	18.743	1332	22.24	1462	18.743	1332	22.24	1462	18.743	1332
23.30	1532	19.733	1398	23.30	1532	19.733	1398	23.30	1532	19.733	1398	23.30	1532	19.733	1398	23.30	1532	19.733	1398
24.36	1602	20.723	1464	24.36	1602	20.723	1464	24.36	1602	20.723	1464	24.36	1602	20.723	1464	24.36	1602	20.723	1464
25.42	1672	21.713	1530	25.42	1672	21.713	1530	25.42	1672	21.713	1530	25.42	1672	21.713	1530	25.42	1672	21.713	1530
26.48	1742	22.703	1596	26.48	1742	22.703	1596	26.48	1742	22.703	1596	26.48	1742	22.703	1596	26.48	1742	22.703	1596
27.54	1812	23.693	1662	27.54	1812	23.693	1662	27.54	1812	23.693	1662	27.54	1812	23.693	1662	27.54	1812	23.693	1662
28.60	1882	24.683	1728	28.60	1882	24.683	1728	28.60	1882	24.683	1728	28.60	1882	24.683	1728	28.60	1882	24.683	1728
29.66	1952	25.673	1794	29.66	1952	25.673	1794	29.66	1952	25.673	1794	29.66	1952	25.673	1794	29.66	1952	25.673	1794
30.72	2022	26.663	1860	30.72	2022	26.663	1860	30.72	2022	26.663	1860	30.72	2022	26.663	1860	30.72	2022	26.663	1860
31.78	2092	27.653	1926	31.78	2092	27.653	1926	31.78	2092	27.653	1926	31.78	2092	27.653	1926	31.78	2092	27.653	1926
32.84	2162	28.643	1992	32.84	2162	28.643	1992	32.84	2162	28.643	1992	32.84	2162	28.643	1992	32.84	2162	28.643	1992
33.90	2232	29.633	2058	33.90	2232	29.633	2058	33.90	2232	29.633	2058	33.90	2232	29.633	2058	33.90	2232	29.633	2058
34.96	2302	30.623	2124	34.96	2302	30.623	2124	34.96	2302	30.623	2124	34.96	2302	30.623	2124	34.96	2302	30.623	2124
36.02	2372	31.613	2190	36.02	2372	31.613	2190	36.02	2372	31.613	2190	36.02	2372	31.613	2190	36.02	2372	31.613	2190
37.08	2442	32.603	2256	37.08	2442	32.603	2256	37.08	2442	32.603	2256	37.08	2442	32.603	2256	37.08	2442	32.603	2256
38.14	2512	33.593	2322	38.14	2512	33.593	2322	38.14	2512	33.593	2322	38.14	2512	33.593	2322	38.14	2512	33.593	2322
39.20	2582	34.583	2388	39.20	2582	34.583	2388	39.20	2582	34.583	2388	39.20	2582	34.583	2388	39.20	2582	34.583	2388
40.26	2652	35.573	2454	40.26	2652	35.573	2454	40.26	2652	35.573	2454	40.26	2652	35.573	2454	40.26	2652	35.573	2454
41.32	2722	36.563	2520	41.32	2722	36.563	2520	41.32	2722	36.563	2520	41.32	2722	36.563	2520	41.32	2722	36.563	2520
42.38	2792	37.553	2586	42.38	2792	37.553	2586	42.38	2792	37.553	2586	42.38	2792	37.553	2586	42.38	2792	37.553	2586
43.44	2862	38.543	2652	43.44	2862	38.543	2652	43.44	2862	38.543	2652	43.44	2862	38.543	2652	43.44	2862	38.543	2652
44.50	2932	39.533	2718	44.50	2932	39.533	2718	44.50	2932	39.533	2718	44.50	2932	39.533	2718	44.50	2932	39.533	2718
45.56	3002	40.523	2784	45.56	3002	40.523	2784	45.56	3002	40.523	2784	45.56	3002	40.523	2784	45.56	3002	40.523	2784
46.62	3072	41.513	2850	46.62	3072	41.513	2850	46.62	3072	41.513	2850	46.62	3072	41.513	2850	46.62	3072	41.513	2850
47.68	3142	42.503	2916	47.68	3142	42.503	2916	47.68	3142	42.503	2916	47.68	3142	42.503	2916	47.68	3142	42.503	2916
48.74	3212	43.493	2982	48.74	3212	43.493	2982	48.74	3212	43.493	2982	48.74	3212	43.493	2982	48.74	3212	43.493	2982
49.80	3282	44.483	3048	49.80	3282	44.483	3048	49.80	3282	44.483	3048	49.80	3282	44.483	3048	49.80	3282	44.483	3048
50.86	3352	45.473	3114	50.86	3352	45.473	3114	50.86	3352	45.473	3114	50.86	3352	45.473	3114	50.86	3352	45.473	3114
51.92	3422	46.463	3180	51.92	3422	46.463	3180	51.92	3422	46.463	3180	51.92	3422	46.463	3180	51.92	3422	46.463	3180
52.98	3492	47.453	3246	52.98	3492	47.453	3246	52.98	3492	47.453	3246	52.98	3492	47.453	3246	52.98	3492	47.453	3246
54.04	3562	48.443	3312	54.04	3562	48.443	3312	54.04	3562	48.443	3312	54.04	3562	48.443	3312	54.04	3562	48.443	3312
55.10	3632	49.433	3378	55.10	3632	49.433	3378	55.10	3632	49.433	3378	55.10	3632	49.433	3378	55.10	3632	49.433	3378
56.16	3702	50.423	3444	56.16	3702	50.423	3444	56.16	3702	50.423	3444	56.16	3702	50.423	3444	56.16	3702	50.423	3444
57.22</																			

Table 46. Aerodynamic Coefficients for Configuration BIT13RX1

M = .80 Q = 5.700 RN = .3510				M = .90 Q = 5.520 RN = .4010				M = .95 Q = 5.350 RN = .4090				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.19	-1.171	.075	.145	-0.19	-1.159	.093	.129	-0.22	-1.169	.028	.103	-0.25	-1.218	1.042	.172
-3.12	-1.114	.445	.290	-3.13	-1.095	.341	.117	-3.15	-1.113	.348	.004	-3.17	-1.146	.390	.135
-2.07	-0.048	.759	.170	-2.08	-0.053	.141	.097	-2.09	-0.044	.207	.004	-2.11	-0.044	.130	.455
-1.03	-0.020	.034	.117	-1.02	-0.010	.000	.079	-1.03	-0.019	.058	.057	-1.04	-0.031	.135	.105
.02	.018	-0.046	.118	.03	.016	-0.026	.087	.03	.012	-0.112	.072	.02	.014	-0.044	.475
1.07	.001	-1.146	.121	1.07	.090	-1.117	.102	1.03	.012	-1.112	.072	1.09	.045	-1.253	.117
2.12	.107	-1.405	.134	2.13	.097	-.291	.119	2.14	.094	-.259	.093	2.15	.124	-1.528	.139
3.17	.155	-1.601	.146	3.18	.097	-.291	.119	3.21	.149	-.448	.412	3.23	.188	-1.848	.158
4.27	.195	-1.807	.154	4.28	.194	-.448	.412	4.28	.209	-1.739	.122	4.30	.261	-2.229	.176
5.37	.233	-2.012	.160	5.38	.232	-.645	.431	5.39	.239	-1.768	.140	5.40	.261	-2.229	.176
6.45	.263	-2.217	.160	6.45	.263	-1.496	.431	6.45	.391	-1.768	.140	6.45	.261	-2.229	.176
7.53	.293	-2.422	.160	7.53	.293	-1.496	.431	7.53	.391	-1.768	.140	7.53	.261	-2.229	.176
8.60	.323	-2.627	.160	8.60	.323	-1.496	.431	8.60	.391	-1.768	.140	8.60	.261	-2.229	.176
9.67	.353	-2.832	.160	9.67	.353	-1.496	.431	9.67	.391	-1.768	.140	9.67	.261	-2.229	.176
10.75	.383	-3.037	.160	10.75	.383	-1.496	.431	10.75	.391	-1.768	.140	10.75	.261	-2.229	.176
11.82	.413	-3.242	.160	11.82	.413	-1.496	.431	11.82	.391	-1.768	.140	11.82	.261	-2.229	.176
12.90	.443	-3.447	.160	12.90	.443	-1.496	.431	12.90	.391	-1.768	.140	12.90	.261	-2.229	.176
13.97	.473	-3.652	.160	13.97	.473	-1.496	.431	13.97	.391	-1.768	.140	13.97	.261	-2.229	.176
15.05	.503	-3.857	.160	15.05	.503	-1.496	.431	15.05	.391	-1.768	.140	15.05	.261	-2.229	.176
16.12	.533	-4.062	.160	16.12	.533	-1.496	.431	16.12	.391	-1.768	.140	16.12	.261	-2.229	.176
17.20	.563	-4.267	.160	17.20	.563	-1.496	.431	17.20	.391	-1.768	.140	17.20	.261	-2.229	.176
18.27	.593	-4.472	.160	18.27	.593	-1.496	.431	18.27	.391	-1.768	.140	18.27	.261	-2.229	.176
19.35	.623	-4.677	.160	19.35	.623	-1.496	.431	19.35	.391	-1.768	.140	19.35	.261	-2.229	.176
20.42	.653	-4.882	.160	20.42	.653	-1.496	.431	20.42	.391	-1.768	.140	20.42	.261	-2.229	.176
21.50	.683	-5.087	.160	21.50	.683	-1.496	.431	21.50	.391	-1.768	.140	21.50	.261	-2.229	.176
22.57	.713	-5.292	.160	22.57	.713	-1.496	.431	22.57	.391	-1.768	.140	22.57	.261	-2.229	.176
23.65	.743	-5.497	.160	23.65	.743	-1.496	.431	23.65	.391	-1.768	.140	23.65	.261	-2.229	.176
24.72	.773	-5.702	.160	24.72	.773	-1.496	.431	24.72	.391	-1.768	.140	24.72	.261	-2.229	.176
25.80	.803	-5.907	.160	25.80	.803	-1.496	.431	25.80	.391	-1.768	.140	25.80	.261	-2.229	.176
26.87	.833	-6.112	.160	26.87	.833	-1.496	.431	26.87	.391	-1.768	.140	26.87	.261	-2.229	.176
27.95	.863	-6.317	.160	27.95	.863	-1.496	.431	27.95	.391	-1.768	.140	27.95	.261	-2.229	.176
29.02	.893	-6.522	.160	29.02	.893	-1.496	.431	29.02	.391	-1.768	.140	29.02	.261	-2.229	.176
30.10	.923	-6.727	.160	30.10	.923	-1.496	.431	30.10	.391	-1.768	.140	30.10	.261	-2.229	.176
31.17	.953	-6.932	.160	31.17	.953	-1.496	.431	31.17	.391	-1.768	.140	31.17	.261	-2.229	.176
32.25	.983	-7.137	.160	32.25	.983	-1.496	.431	32.25	.391	-1.768	.140	32.25	.261	-2.229	.176
33.32	.1013	-7.342	.160	33.32	.1013	-1.496	.431	33.32	.391	-1.768	.140	33.32	.261	-2.229	.176
34.40	.1043	-7.547	.160	34.40	.1043	-1.496	.431	34.40	.391	-1.768	.140	34.40	.261	-2.229	.176
35.47	.1073	-7.752	.160	35.47	.1073	-1.496	.431	35.47	.391	-1.768	.140	35.47	.261	-2.229	.176
36.55	.1103	-7.957	.160	36.55	.1103	-1.496	.431	36.55	.391	-1.768	.140	36.55	.261	-2.229	.176
37.62	.1133	-8.162	.160	37.62	.1133	-1.496	.431	37.62	.391	-1.768	.140	37.62	.261	-2.229	.176
38.70	.1163	-8.367	.160	38.70	.1163	-1.496	.431	38.70	.391	-1.768	.140	38.70	.261	-2.229	.176
39.77	.1193	-8.572	.160	39.77	.1193	-1.496	.431	39.77	.391	-1.768	.140	39.77	.261	-2.229	.176
40.85	.1223	-8.777	.160	40.85	.1223	-1.496	.431	40.85	.391	-1.768	.140	40.85	.261	-2.229	.176
41.92	.1253	-8.982	.160	41.92	.1253	-1.496	.431	41.92	.391	-1.768	.140	41.92	.261	-2.229	.176
43.00	.1283	-9.187	.160	43.00	.1283	-1.496	.431	43.00	.391	-1.768	.140	43.00	.261	-2.229	.176
44.07	.1313	-9.392	.160	44.07	.1313	-1.496	.431	44.07	.391	-1.768	.140	44.07	.261	-2.229	.176
45.15	.1343	-9.597	.160	45.15	.1343	-1.496	.431	45.15	.391	-1.768	.140	45.15	.261	-2.229	.176
46.22	.1373	-9.802	.160	46.22	.1373	-1.496	.431	46.22	.391	-1.768	.140	46.22	.261	-2.229	.176
47.30	.1403	-10.007	.160	47.30	.1403	-1.496	.431	47.30	.391	-1.768	.140	47.30	.261	-2.229	.176
48.37	.1433	-10.212	.160	48.37	.1433	-1.496	.431	48.37	.391	-1.768	.140	48.37	.261	-2.229	.176
49.45	.1463	-10.417	.160	49.45	.1463	-1.496	.431	49.45	.391	-1.768	.140	49.45	.261	-2.229	.176
50.52	.1493	-10.622	.160	50.52	.1493	-1.496	.431	50.52	.391	-1.768	.140	50.52	.261	-2.229	.176
51.60	.1523	-10.827	.160	51.60	.1523	-1.496	.431	51.60	.391	-1.768	.140	51.60	.261	-2.229	.176
52.67	.1553	-11.032	.160	52.67	.1553	-1.496	.431	52.67	.391	-1.768	.140	52.67	.261	-2.229	.176
53.75	.1583	-11.237	.160	53.75	.1583	-1.496	.431	53.75	.391	-1.768	.140	53.75	.261	-2.229	.176
54.82	.1613	-11.442	.160	54.82	.1613	-1.496	.431	54.82	.391	-1.768	.140	54.82	.261	-2.229	.176
55.90	.1643	-11.647	.160	55.90	.1643	-1.496	.431	55.90	.391	-1.768	.140	55.90	.261	-2.229	.176
56.97	.1673	-11.852	.160	56.97	.1673	-1.496	.431	56.97	.391	-1.768	.140	56.97	.261	-2.229	.176
58.05	.1703	-12.057	.160	58.05	.1703	-1.496	.431	58.05	.391	-1.768	.140	58.05	.261	-2.229	.176
59.12	.1733	-12.262	.160	59.12	.1733	-1.496	.431	59.12	.391	-1.768	.140	59.12	.261	-2.229	.176
60.20	.1763	-12.467	.160	60.20	.1763	-1.496	.431	60.20	.391	-1.768	.140	60.20	.261	-2.229	.176
61.27	.1793	-12.672	.160	61.27	.1793	-1.496	.431	61.27	.391	-1.768	.140	61.27	.261	-2.229	.176
62.35	.1823	-12.877	.160	62.35	.1823	-1.496	.431	62.35	.391	-1.768	.140	62.35	.261	-2.229	.176
63.42	.1853	-13.082	.160	63.42	.1853	-1.496	.431	63.42	.391	-1.768	.140	63.42	.261	-2.229	.176
64.50	.1883	-13.287	.160	64.50	.1883	-1.496	.431	64.50	.391	-1.768	.140	64.50	.261	-2.229	.176
65.57	.1913	-13.492	.160	65.57	.1913	-1.496	.431	65.57	.391	-1.768	.140	65.57	.261	-2.229	.176
66.65	.1943	-13.697	.160	66.65	.1943	-1.496	.431	66.65	.391	-1.768	.140	66.65	.261	-2.229	.176
67.72	.1973	-13.902	.160	67.72	.1973	-1.496	.431	67.72	.391	-1.768	.140	67.72	.261	-2.229	.176
68.80	.2003	-14.107	.160	68.80	.2003	-1.496	.431	68.80	.391	-1.768	.140	68.80	.261	-2.229	.176
69.87	.2033	-14.312	.160	69.87	.2033	-1.496	.431	69.87	.391	-1.768	.140	69.87	.261	-2.229	.176
70.95	.2063	-14.517	.160	70.95	.2063	-1.496	.431	70.95	.391	-1.768	.140	70.95	.261	-2.229	.176
72.02	.2093	-14.722	.160	72.02	.2093	-1.496	.431	72.02	.391	-1.768	.140	72.02	.261	-2.229	.176
73.10	.2123	-14.927	.160	73.10	.2123	-1.496	.431	73.10	.391	-1.768	.140	73.10	.261	-2.229	.176
74.17	.2153	-15.132	.160	74.17	.2153	-1.496	.431	74.17	.391	-1.768	.140	74.17	.261	-2.229	.176
75.25	.2183	-15.337	.160	75.25	.2183	-1.496	.431	75.25	.391	-1.768	.140	75.25	.261	-2.229	.176
76.32	.2213	-15.542	.160	76.32	.2213	-1.496	.431	76.32	.391	-1.768	.140	76.32	.261	-2.229	.176
77.40	.2243	-15.747	.160	77.40	.2243	-1.496	.431	77.40	.391	-1.768	.140	77.40	.261	-2.229	.176
78.47	.2273	-15.952	.160	78.47	.2273	-1.496	.431	78.47	.391	-1.768	.140	78.47	.261	-2.229	.176
79.55	.2303	-16.157	.160	79.55	.2303	-1.496	.431	79.55	.391	-1.768	.140	79.55	.261	-2.229	.176
80.62	.2333	-16.362	.160	80.62											

Table 47. Aerodynamic Coefficients for Configuration B1T13RX2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-2.18	-1.76	.691	.103	-4.20	-.133	.281	-.053	-4.24	-.244	1.317	.001	-4.26	-.272	1.575	.214
-3.14	-1.20	.482	.280	-3.14	-.071	-.037	-.036	-3.11	-.104	.548	.071	-3.18	-.184	1.045	.192
-1.04	-.034	.133	.042	-2.08	-.031	-.114	-.021	-1.04	-.042	.208	.059	-2.11	-.039	.194	.467
-1.07	-.046	-.073	.084	-1.03	-.006	.000	-.000	-1.04	-.004	.000	.393	-1.02	-.017	-.087	.129
1.07	-.044	-.040	.304	1.06	-.027	.071	-.007	1.08	-.048	-.308	.034	1.08	-.077	-.392	.147
2.12	-.113	-.047	.075	2.12	-.045	.003	-.022	2.14	-.135	-.072	.050	2.15	-.150	-.820	.176
3.17	-.162	-.029	.087	3.18	-.105	-.217	.036	3.21	-.198	-.076	.072	3.23	-.230	-.1297	.200
4.22	-.207	-.164	.298	4.24	-.177	-.501	-.056	4.28	-.254	-.415	.125	4.30	-.318	-.1236	.222
6.33	-.377	-.122	.131	6.37	-.254	-.611	-.100	6.44	-.414	-.515	.438	6.49	-.541	-.3280	.429
-6.18	-.175	.077	.180	-6.22	.009	-.013	-.000	-6.24	-.002	-.012	-.031	-6.25	.018	-.078	.130
				-4.20	-.137	.304	.335	-4.24	-.240	1.272	.089				
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-6.27	-.284	1.077	.248	-6.28	-.247	1.309	.255	-6.28	-.156	-.337	.237	-6.30	-.124	-.043	.224
-3.20	-.187	1.018	.254	-3.12	-.104	.977	.225	-2.11	-.048	.017	.213	-3.20	-.068	.153	.424
-2.12	-.114	.598	.234	-2.12	-.068	.263	.200	-1.04	-.028	.024	.195	-2.11	-.023	-.229	.202
-1.05	-.048	-.026	.188	-1.05	-.000	.065	.193	-1.04	-.006	.159	.189	-1.05	-.008	-.118	.169
1.08	.040	-.049	.207	1.08	-.048	-.134	.202	.02	-.004	.050	.422	.01	-.011	.178	.434
2.15	-.128	-.044	.236	2.15	-.104	-.413	.229	1.09	-.012	.250	.203	1.08	-.004	.402	.192
3.22	-.206	-.109	.453	3.23	-.176	-.792	.246	2.16	-.003	.056	.254	2.16	.030	.383	.429
4.30	-.292	-.1614	.273	4.31	-.234	-.1242	.270	3.25	-.003	-.059	.405	3.25	.082	-.085	.233
6.50	-.518	-.376	.294	6.51	-.274	-.2055	.193	4.34	-.179	-.406	.247	4.34	.146	-.123	.422
.01	-.007	-.027	.144	.01	-.000	.055	.193	6.56	-.378	-.1548	.263	6.60	-.366	.400	.426
				-4.28	-.244	1.298	.254					-1.08	-.003	.400	.194
								-1.04	-.013	.245	.196	-1.05	-.009	-.103	.191
M = 1.75 Q = 6.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500											
ALP	CN	CM	CAF	ALP	CN	CM	CAF								
9.89	-.504	-1.745	.235	8.79	-.379	-1.784	.194								
7.89	-.381	-.080	.233	7.67	.385	-1.034	.183								
6.45	-.284	-.041	.232	6.56	.255	-.296	.191								
5.46	-.187	.049	.229	5.46	.142	.329	.188								
4.67	.091	.023	.223	4.37	.058	.735	.184								
3.36	.034	.002	.217	3.30	-.002	.953	.178								
2.33	.000	.034	.212	2.23	-.032	.915	.175								
1.78	-.009	.273	.205	1.69	-.034	.815	.172								
1.06	-.004	.040	.200	1.06	-.041	.641	.164								
.21	-.013	.318	.200	.25	-.028	.434	.167								
				.13	-.010	.134	.144								
				-.37	.016	-.252	.149								
				-.90	.032	-.548	.171								
				-.92	.011	-.321	.200								
				-1.34	.008	-.435	.205								
				-1.87	.002	-.518	.210								
				-2.42	-.031	-.517	.217								
				-3.99	-.000	-.346	.223								

Table 48. Aerodynamic Coefficients for Configuration B1T13RX5

M = 1.00		Q = 7.090		RN = -4190	
ALP	CN	CM	CAF	CAB	CAF
-4.26	-301	1.864	-427	-054	-230
-3.19	-201	1.276	-435	-048	-213
-2.11	-128	.788	-441	-040	-206
-1.04	-050	.312	-448	-032	-197
-.05	000	-.000	-454	-024	-186
1.06	103	-.621	-452	-028	-178
2.16	180	-1.089	-447	-035	-165
3.24	237	-1.530	-438	-046	-148
4.31	267	-1.944	-424	-060	-128
5.31	282	-2.319	-406	-075	-106
6.26	291	-2.649	-385	-090	-82
7.16	294	-2.929	-361	-104	-56
7.92	291	-3.154	-335	-118	-30
8.57	284	-3.324	-308	-131	-4
9.12	263	-3.449	-280	-144	22
9.58	230	-3.529	-251	-156	49
9.96	187	-3.564	-221	-168	76
10.27	137	-3.554	-191	-179	103
10.52	83	-3.500	-161	-189	130
10.72	28	-3.404	-131	-198	157
10.88	-28	-3.269	-101	-206	184
10.99	-83	-3.104	-71	-214	211
11.06	-137	-2.919	-41	-221	238
11.09	-187	-2.714	-11	-228	265
11.08	-230	-2.499	19	-235	292
11.04	-263	-2.274	49	-242	319
10.96	-284	-2.049	79	-249	346
10.84	-291	-1.824	109	-256	373
10.68	-294	-1.604	139	-263	400
10.49	-291	-1.384	169	-270	427
10.27	-284	-1.164	199	-277	454
10.02	-263	-0.939	229	-284	481
9.74	-230	-0.719	259	-291	508
9.43	-187	-0.504	289	-298	535
9.09	-137	-0.294	319	-305	562
8.72	-83	-.084	349	-312	589
8.33	-28	.124	379	-319	616
7.92	28	.334	409	-326	643
7.49	83	.544	439	-333	670
7.04	137	.754	469	-340	697
6.57	187	.964	499	-347	724
6.09	230	1.174	529	-354	751
5.60	263	1.384	559	-361	778
5.09	284	1.594	589	-368	805
4.57	291	1.804	619	-375	832
4.04	294	2.014	649	-382	859
3.49	291	2.224	679	-389	886
2.92	284	2.434	709	-396	913
2.33	263	2.644	739	-403	940
1.74	230	2.854	769	-410	967
1.14	187	3.064	799	-417	994
.53	137	3.274	829	-424	1021
-.08	83	3.484	859	-431	1048
-.68	28	3.694	889	-438	1075
-1.27	-28	3.904	919	-445	1102
-1.86	-83	4.114	949	-452	1129
-2.44	-137	4.324	979	-459	1156
-3.02	-187	4.534	1009	-466	1183
-3.59	-230	4.744	1039	-473	1210
-4.16	-263	4.954	1069	-480	1237
-4.73	-284	5.164	1099	-487	1264
-5.29	-291	5.374	1129	-494	1291
-5.85	-294	5.584	1159	-501	1318
-6.41	-291	5.794	1189	-508	1345
-6.96	-284	6.004	1219	-515	1372
-7.51	-263	6.214	1249	-522	1399
-8.06	-230	6.424	1279	-529	1426
-8.61	-187	6.634	1309	-536	1453
-9.16	-137	6.844	1339	-543	1480
-9.71	-83	7.054	1369	-550	1507
-10.26	28	7.264	1399	-557	1534

Table 49. Aerodynamic Coefficients for Configuration BLT13SX1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.23	-259	1.311	.614	-4.27	-281	1.308	.096	-4.30	-299	1.457	.177
-3.17	-925	.116	.423	-3.19	-187	.938	.093	-3.22	-221	1.273	.174
-7.61	-1448	.951	.117	-2.12	-121	.826	.091	-2.14	-158	.973	.176
-1.02	-921	.115	.439	-1.05	-960	.360	.406	-1.06	-980	.551	.177
1.08	.089	-.442	.116	.01	-.007	.161	.089	.03	.022	-.093	.177
2.16	.157	-.780	.117	2.18	.122	-.432	.095	1.10	.035	-.175	.176
3.21	.242	-1.282	.116	3.23	.202	-.854	.382	3.26	.214	-.947	.183
6.40	.457	-1.635	.116	6.48	.525	-2.901	.114	6.53	.487	-1.316	.185
.02	.024	-.134	.115	-1.05	-.358	.341	.088	1.10	.092	-2.384	.197
								.03	.017	-.056	.176
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.15 Q = 8.400 RN = .4160			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.31	-282	1.272	.190	-4.33	-277	1.410	.179	-4.35	-272	1.371	.169
-2.13	-717	1.171	.196	-2.15	-130	.786	.175	-2.15	-.114	.965	.166
-1.06	-.069	.460	.203	-1.06	-.098	.251	.544	-1.05	-.072	.237	.161
.02	-.008	.171	.203	.03	-.021	-.096	.172	1.14	.091	-.348	.160
2.19	.158	-.776	.192	2.20	.161	-.781	.173	2.25	.171	-.740	.161
3.27	.219	-1.013	.187	3.29	.236	-1.147	.171	3.36	.254	-1.153	.165
6.35	.264	-1.316	.194	6.38	.310	-1.477	.172	6.47	.337	-1.572	.171
6.56	.437	-2.375	.216	6.58	.510	-2.905	.194	6.71	.532	-2.611	.195
1.16	.061	-.175	.197	1.16	-.042	-.362	.180	1.14	.080	-.251	.150
-1.07	-.080	.236	.203	-2.15	-.139	.785	.178	-1.05	-.043	.268	.161
M = 1.75 Q = 8.700 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
6.89	.713	-3.434	.205	6.76	.706	-3.320	.175	6.67	.754	-3.521	.140
7.76	.592	-2.816	.202	7.65	.586	-2.727	.173	7.56	.614	-2.793	.140
6.45	.486	-2.276	.196	6.33	.479	-2.201	.168	6.46	.497	-2.215	.138
6.45	.391	-1.850	.192	6.34	.387	-1.762	.160	5.38	.398	-1.749	.135
3.38	.224	-1.002	.183	3.28	.222	-.895	.150	4.29	.309	-1.352	.131
2.29	.151	-.465	.179	2.20	.150	-.681	.149	3.22	.228	-.988	.127
1.73	.112	-.349	.176	1.64	.111	-.504	.145	1.59	.109	-.845	.124
1.19	.076	-.336	.172	1.10	.076	-.337	.145	1.06	.072	-.311	.121
.86	.044	-.208	.172	.86	.037	-.146	.144	.53	.034	-.155	.120
-.62	-.080	.046	.171	.01	-.001	-.002	.142	-.01	-.000	.000	.120
-.97	-.062	.277	.169	-.01	-.001	.321	.142	-.53	-.036	.155	.120
-1.50	-.049	.438	.168	-1.04	-.108	.494	.143	-1.07	-.073	.317	.120
-2.06	-.135	.546	.170	-2.12	-.146	.648	.144	-1.61	-.109	.441	.120
-3.13	-.205	.911	.173	-3.18	-.219	.998	.146	-2.44	-.183	.790	.121
-.621	-.286	1.295	.176	-.629	-.297	1.350	.152	-3.19	-.221	.955	.121
								-4.26	-.304	1.330	.123

Table 50. Aerodynamic Coefficients for Configuration B1T13SX2

M = .80 Q = 5.700 RN = .3010				M = .90 Q = 6.920 RN = .4010				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.22	-3.08	1.057	.160	-0.25	-3.10	1.099	.154	-3.21	-3.29	1.374	.294
-3.16	-2.36	1.045	.403	-3.19	-2.11	1.252	.146	-2.13	-1.59	1.025	.411
-1.06	-0.93	1.015	.182	-2.11	-1.24	.716	.144	-1.04	-0.84	.607	.274
-0.82	-0.93	1.015	.182	-1.04	-0.93	.609	.153	.02	-0.04	.132	.292
1.09	-1.15	-0.693	.180	.03	.09	-.512	.143	1.10	.008	-.437	.415
2.15	-2.02	-1.221	.182	1.10	.106	-.587	.210	2.17	.171	-.940	.301
3.21	-2.86	-1.756	.179	2.15	.348	-1.337	.386	3.25	.226	-1.179	.404
4.27	-3.68	-2.306	.179	3.21	.580	-1.978	.552	4.32	.303	-1.568	.314
6.40	-5.16	-2.956	.189	4.27	.812	-2.625	.813	6.46	.461	-2.241	.347
.03	.035	-.204	.187	.03	.03	-.204	.187	1.09	.002	-.410	.301
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4280				M = 1.50 Q = 8.560 RN = .3860			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.31	-3.00	1.079	.336	-0.32	-2.97	1.042	.311	-0.36	-3.03	1.588	.212
-3.23	-2.26	1.316	.319	-3.23	-2.17	1.208	.306	-3.27	-2.09	1.067	.202
-1.07	-0.93	1.040	.306	-1.07	-0.93	.700	.293	-2.16	-1.23	.608	.195
-0.82	-0.93	1.040	.306	-0.82	-0.93	.700	.293	-1.04	-0.51	.277	.192
1.00	-0.61	-.237	.319	.02	-.011	-.197	.295	.04	.014	.006	.188
2.16	-1.33	-.607	.332	1.06	.035	-.176	.301	2.16	.015	-.750	.189
3.25	-2.18	-1.090	.335	2.18	.161	-.643	.299	3.36	.262	-1.270	.202
4.33	-2.94	-1.564	.332	3.27	.223	-1.100	.297	4.47	.361	-1.825	.211
6.32	-4.05	-2.516	.337	4.33	.296	-1.695	.306	6.73	.594	-3.105	.224
.01	-.015	.205	.315	.01	-.015	.205	.315	1.13	.081	-.295	.193
-1.01	-0.60	.036	.302	.01	-.013	.203	.293	-1.07	-.052	.268	.194
M = 1.75 Q = 9.200 RN = .3500				M = 2.00 Q = 9.850 RN = .3500				M = 3.00 Q = 6.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
0.76	-7.33	-1.794	.231	0.76	.726	-3.482	.190	0.47	.803	-6.006	.112
7.65	-6.16	-2.162	.227	7.65	.932	-4.099	.189	7.37	.647	-3.127	.113
6.54	-5.03	-2.570	.222	6.54	.692	-2.491	.184	6.28	.516	-2.419	.113
5.54	-4.01	-2.021	.216	5.54	.402	-1.986	.181	5.12	.386	-1.817	.111
4.36	-3.10	-1.529	.211	4.36	.313	-1.533	.176	3.95	.277	-1.337	.110
3.27	-2.25	-1.093	.211	3.26	.229	-1.114	.173	3.09	.222	-1.037	.110
2.18	-1.67	-.696	.207	2.19	.153	-.746	.173	2.03	.145	-.661	.109
1.03	-1.08	-.311	.204	1.02	.114	-.568	.170	1.47	.107	-.502	.109
1.03	-1.08	-.311	.204	1.09	.077	-.393	.170	.95	.068	-.324	.108
1.95	-0.58	-.184	.202	.35	.008	-.008	.168	.42	.031	-.148	.108
.01	-.003	-.021	.203	.32	-.036	.175	.167	.09	-.008	.042	.108
-.52	-.034	-.184	.203	.31	-.074	.368	.167	.28	-.008	.042	.108
-1.06	-.071	.339	.203	.314	-1.59	-1.113	.943	.148	-.008	.042	.108
-7.16	-1.07	.509	.203	.316	-2.12	-.152	.761	.148	-.008	.042	.108
-3.22	-1.64	.666	.202	.317	-3.21	-.152	.761	.148	-.008	.042	.108
-6.31	-3.22	1.076	.203	.320	-6.31	-.152	.761	.148	-.008	.042	.108
				.319	-4.30	-.309	1.524	.148	-.008	.042	.108

Table 51. Aerodynamic Coefficients for Configuration B1T13SX5

M = .80				M = .90				M = .95				M = 1.00				M = 1.05				M = 1.10				M = 1.15				M = 1.20				M = 1.25				M = 1.30				M = 1.35				M = 1.40				M = 1.45				M = 1.50				M = 1.55				M = 1.60				M = 1.65				M = 1.70				M = 1.75				M = 1.80				M = 1.85				M = 1.90				M = 1.95				M = 2.00				M = 2.05				M = 2.10				M = 2.15				M = 2.20				M = 2.25				M = 2.30				M = 2.35				M = 2.40				M = 2.45				M = 2.50				M = 2.55				M = 2.60				M = 2.65				M = 2.70				M = 2.75				M = 2.80				M = 2.85				M = 2.90				M = 2.95				M = 3.00				M = 3.05				M = 3.10				M = 3.15				M = 3.20				M = 3.25				M = 3.30				M = 3.35				M = 3.40				M = 3.45				M = 3.50				M = 3.55				M = 3.60				M = 3.65				M = 3.70				M = 3.75				M = 3.80				M = 3.85				M = 3.90				M = 3.95				M = 4.00				M = 4.05				M = 4.10				M = 4.15				M = 4.20				M = 4.25				M = 4.30				M = 4.35				M = 4.40				M = 4.45				M = 4.50				M = 4.55				M = 4.60				M = 4.65				M = 4.70				M = 4.75				M = 4.80				M = 4.85				M = 4.90				M = 4.95				M = 5.00				M = 5.05				M = 5.10				M = 5.15				M = 5.20				M = 5.25				M = 5.30				M = 5.35				M = 5.40				M = 5.45				M = 5.50				M = 5.55				M = 5.60				M = 5.65				M = 5.70				M = 5.75				M = 5.80				M = 5.85				M = 5.90				M = 5.95				M = 6.00				M = 6.05				M = 6.10				M = 6.15				M = 6.20				M = 6.25				M = 6.30				M = 6.35				M = 6.40				M = 6.45				M = 6.50				M = 6.55				M = 6.60				M = 6.65				M = 6.70				M = 6.75				M = 6.80				M = 6.85				M = 6.90				M = 6.95				M = 7.00				M = 7.05				M = 7.10				M = 7.15				M = 7.20				M = 7.25				M = 7.30				M = 7.35				M = 7.40				M = 7.45				M = 7.50				M = 7.55				M = 7.60				M = 7.65				M = 7.70				M = 7.75				M = 7.80				M = 7.85				M = 7.90				M = 7.95				M = 8.00				M = 8.05				M = 8.10				M = 8.15				M = 8.20				M = 8.25				M = 8.30				M = 8.35				M = 8.40				M = 8.45				M = 8.50				M = 8.55				M = 8.60				M = 8.65				M = 8.70				M = 8.75				M = 8.80				M = 8.85				M = 8.90				M = 8.95				M = 9.00				M = 9.05				M = 9.10				M = 9.15				M = 9.20				M = 9.25				M = 9.30				M = 9.35				M = 9.40				M = 9.45				M = 9.50				M = 9.55				M = 9.60				M = 9.65				M = 9.70				M = 9.75				M = 9.80				M = 9.85				M = 9.90				M = 9.95				M = 10.00				M = 10.05				M = 10.10				M = 10.15				M = 10.20				M = 10.25				M = 10.30				M = 10.35				M = 10.40				M = 10.45				M = 10.50				M = 10.55				M = 10.60				M = 10.65				M = 10.70				M = 10.75				M = 10.80				M = 10.85				M = 10.90				M = 10.95				M = 11.00				M = 11.05				M = 11.10				M = 11.15				M = 11.20				M = 11.25				M = 11.30				M = 11.35				M = 11.40				M = 11.45				M = 11.50				M = 11.55				M = 11.60				M = 11.65				M = 11.70				M = 11.75				M = 11.80				M = 11.85				M = 11.90				M = 11.95				M = 12.00				M = 12.05				M = 12.10				M = 12.15				M = 12.20				M = 12.25				M = 12.30				M = 12.35				M = 12.40				M = 12.45				M = 12.50				M = 12.55				M = 12.60				M = 12.65				M = 12.70				M = 12.75				M = 12.80				M = 12.85				M = 12.90				M = 12.95				M = 13.00				M = 13.05				M = 13.10				M = 13.15				M = 13.20				M = 13.25				M = 13.30				M = 13.35				M = 13.40				M = 13.45				M = 13.50				M = 13.55				M = 13.60				M = 13.65				M = 13.70				M = 13.75				M = 13.80				M = 13.85				M = 13.90				M = 13.95				M = 14.00				M = 14.05				M = 14.10				M = 14.15				M = 14.20				M = 14.25				M = 14.30				M = 14.35				M = 14.40				M = 14.45				M = 14.50				M = 14.55				M = 14.60				M = 14.65				M = 14.70				M = 14.75				M = 14.80				M = 14.85				M = 14.90				M = 14.95				M = 15.00				M = 15.05				M = 15.10				M = 15.15				M = 15.20				M = 15.25				M = 15.30				M = 15.35				M = 15.40				M = 15.45				M = 15.50				M = 15.55				M = 15.60				M = 15.65				M = 15.70				M = 15.75				M = 15.80				M = 15.85				M = 15.90				M = 15.95				M = 16.00				M = 16.05				M = 16.10				M = 16.15				M = 16.20				M = 16.25				M = 16.30				M = 16.35				M = 16.40				M = 16.45				M = 16.50				M = 16.55				M = 16.60				M = 16.65				M = 16.70				M = 16.75				M = 16.80				M = 16.85				M = 16.90				M = 16.95				M = 17.00				M = 17.05				M = 17.10				M = 17.15				M = 17.20				M = 17.25				M = 17.30				M = 17.35				M = 17.40				M = 17.45				M = 17.50				M = 17.55				M = 17.60				M = 17.65				M = 17.70				M = 17.75				M = 17.80				M = 17.85				M = 17.90				M = 17.95				M = 18.00				M = 18.05				M = 18.10				M = 18.15				M = 18.20				M = 18.25				M = 18.30				M = 18.35				M = 18.40				M = 18.45				M = 18.50				M = 18.55				M = 18.60				M = 18.65				M = 18.70				M = 18.75				M = 18.80				M = 18.85				M = 18.90				M = 18.95				M = 19.00				M = 19.05				M = 19.10				M = 19.15				M = 19.20				M = 19.25				M = 19.30				M = 19.35				M = 19.40				M = 19.45				M = 19.50				M = 19.55				M = 19.60				M = 19.65				M = 19.70				M = 19.75				M = 19.80				M = 19.85				M = 19.90				M = 19.95				M = 20.00				M = 20.05				M = 20.10				M = 20.15				M = 20.20				M = 20.25				M = 20.30				M = 20.35				M = 20.40				M = 20.45				M = 20.50				M = 20.55				M = 20.60				M = 20.65				M = 20.70				M = 20.75				M = 20.80				M = 20.85				M = 20.90				M = 20.95				M = 21.00				M = 21.05				M = 21.10				M = 21.15				M = 21.20				M = 21.25				M = 21.30				M = 21.35				M = 21.40				M = 21.45				M = 21.50				M = 21.55				M = 21.60				M = 21.65				M = 21.70				M = 21.75				M = 21.80				M = 21.85				M = 21.90				M = 21.95				M = 22.00				M = 22.05				M = 22.10				M = 22.15				M = 22.20				M = 22.25				M = 22.30				M = 22.35				M = 22.40				M = 22.45				M = 22.50				M = 22.55				M = 22.60				M = 22.65				M = 22.70				M = 22.75				M = 22.80				M = 22.85				M = 22.90				M = 22.95				M = 23.00				M = 23.05				M = 23.10				M = 23.15				M = 23.20				M = 23.25				M = 23.30				M = 23.35				M = 23.40				M = 23.45				M = 23.50				M = 23.55				M = 23.60				M = 23.65				M = 23.70				M = 23.75				M = 23.80				M = 23.85				M = 23.90				M = 23.95				M = 24.00				M = 24.05				M = 24.10				M = 24.15				M = 24.20				M = 24.25				M = 24.30				M = 24.35				M = 24.40				M = 24.45				M = 24.50				M = 24.55				M = 24.60				M = 24.65				M = 24.70				M = 24.75				M = 24.80				M = 24.85				M = 24.90				M = 24.95				M = 25.00				M = 25.05				M = 25.10				M = 25.15				M = 25.20				M = 25.25				M = 25.30				M = 25.35				M = 25.40				M = 25.45				M = 25.50				M = 25.55				M = 25.60				M = 25.65				M = 25.70				M = 25.75				M = 25.80				M = 25.85				M = 25.90				M = 25.95				M = 26.00				M = 26.05				M = 26.10				M = 26.15				M = 26.20				M = 26.25				M = 26.30				M = 26.35				M = 26.40				M = 26.45				M = 26.50				M = 26.55				M = 26.60				M = 26.65				M = 26.70				M = 26.75				M = 26.80				M = 26.85				M = 26.90				M = 26.95				M = 27.00				M = 27.05				M = 27.10				M = 27.15				M = 27.20				M = 27.25				M = 27.30				M = 27.35				M = 27.40				M = 27.45				M = 27.50				M = 27.55				M = 27.60				M = 27.65				M = 27.70				M = 27.75				M = 27.80				M = 27.85				M = 27.90				M = 27.95				M = 28.00				M = 28.05				M = 28.10				M = 28.15				M = 28.20				M = 28.25				M = 28.30				M = 28.35				M = 28.40				M = 28.45				M = 28.50				M = 28.55				M = 28.60				M = 28.65				M = 28.70				M = 28.75				M = 28.80				M = 28.85				M = 28.90				M = 28.95				M = 29.00				M = 29.05				M = 29.10				M = 29.15				M = 29.20				M = 29.25				M = 29.30				M = 29.35				M = 29.40				M = 29.45				M = 29.50				M = 29.55				M = 29.60				M = 29.65				M = 29.70				M = 29.75				M = 29.80				M = 29.85				M = 29.90				M = 29.95				M = 30.00				M = 30.05				M = 30.10				M = 30.15				M = 30.20				M = 30.25				M = 30.30				M = 30.35				M = 30.40				M = 30.45				M = 30.50				M = 30.55				M = 30.60				M = 30.65				M = 30.70				M = 30.75				M = 30.80				M = 30.85				M = 30.90				M = 30.95				M = 31.00				M = 31.05				M = 31.10				M = 31.15				M = 31.20				M = 31.25				M = 31.30				M = 31.35				M = 31.40				M = 31.45				M = 31.50				M = 31.55				M = 31.60				M = 31.65				M = 31.70				M = 31.75				M = 31.80				M = 31.85				M = 31.90				M = 31.95				M = 32.00				M = 32.05				M = 32.10				M = 32.15				M = 32.20				M = 32.25				M = 32.30				M = 32.35				M = 32.40				M = 32.45				M = 32.50				M = 32.55				M = 32.60				M = 32.65				M = 32.70				M = 32.75				M = 32.80				M = 32.85				M = 32.90				M = 32.95				M = 33.00				M = 33.05				M = 33.10				M = 33.15				M = 33.20				M = 33.25				M = 33.30				M = 33.35				M = 33.40				M = 33.45				M = 33.50				M = 33.55				M = 33.60				M = 33.65				M = 33.70				M = 33.75				M = 33.80				M = 33.85				M = 33.90				M = 33.95				M = 34.00				M = 34.05				M = 34.10				M = 34.15				M = 34.20				M = 34.25				M = 34.30				M = 34.35				M = 34.40				M = 34.45				M = 34.50				M = 34.55				M = 34.60				M = 34.65				M = 34.70				M = 34.75				M = 34.80				M = 34.85				M = 34.90				M = 34.95				M = 35.00				M = 35.05				M = 35.10				M = 35.15				M = 35.20				M = 35.25				M = 35.30				M = 35.35				M = 35.40				M = 35.45				M = 35.50				M = 35.55				M = 35.60				M = 35.65				M = 35.70				M = 35.75				M = 35.80				M = 35.85				M = 35.90				M = 35.95				M = 36.00				M = 36.05				M = 36.10				M = 36.15				M = 36.20				M = 36.25				M = 36.30				M = 36.35				M = 36.40				M = 36.45				M = 36.50				M = 36.55				M = 36.60				M = 36.65				M = 36.70				M = 36.75				M = 36.80				M = 36.85				M = 36.90				M = 36.95				M = 37.00				M = 37.05				M = 37.10				M = 37.15				M = 37.20				M = 37.25				M = 37.30				M = 37.35				M = 37.40				M = 37.45				M = 37.50				M = 37.55				M = 37.60				M = 37.65				M = 37.70				M = 37.75				M = 37.80				M = 37.85				M = 37.90				M = 37.95				M = 38.00				M = 38.05				M = 38.10				M = 38.15				M = 38.20				M = 38.25				M = 38.30				M = 38.35				M = 38.40				M = 38.45				M = 38.50				M = 38.55				M = 38.60				M = 38.65				M = 38.70				M = 38.75				M = 38.80				M = 38.85				M = 38.90				M = 38.95				M = 39.00				M = 39.05				M = 39.10				M = 39.15				M = 39.20				M = 39.25				M = 39.30				M = 39.35				M = 39.40				M = 39.45				M = 39.50				M = 39.55				M = 39.60				M = 39.65				M = 39.70				M = 39.75				M = 39.80				M = 39.85				M = 39.90				M = 39.95				M = 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Table 52. Aerodynamic Coefficients for Configuration BLT14X1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.23	-2.73	1.449	.155	-4.26	-2.75	1.440	.126	-4.39	-3.27	1.922	.112	-4.30	-2.96	1.643	.145
-3.17	-1.98	1.040	.149	-3.19	-2.02	1.082	.125	-3.21	-2.34	1.372	.110	-3.21	-2.09	1.156	.144
-2.10	-1.15	.965	.148	-2.12	-1.23	.907	.122	-2.13	-1.36	.786	.110	-2.13	-1.32	.732	.141
-1.04	-.041	.176	.148	-1.05	.007	.207	.122	-1.05	-.051	.274	.109	-1.05	-.042	.208	.144
.02	.038	-.268	.148	.03	.038	-.252	.121	.03	.040	-.279	.109	.03	.044	-.320	.147
1.09	.016	-.848	.148	1.10	.115	-.676	.120	1.11	.144	-.941	.110	1.12	.130	-.786	.146
2.15	.273	-1.572	.150	2.17	.190	-1.067	.123	2.19	.236	-1.496	.110	2.20	.289	-1.286	.146
3.28	.347	-1.338	.153	3.29	.249	-1.042	.128	3.28	.329	-1.272	.121	3.29	.348	-1.150	.152
4.29	.347	-1.045	.154	4.32	.348	-1.015	.136	4.30	.346	-.982	.139	4.31	.348	-.900	.152
5.29	.512	-2.020	.158	5.31	.511	-2.768	.122	5.27	.454	-.608	.139	5.27	.592	-3.650	.177
.02	.037	-.259	.167	.026	-.275	1.436	.126	.030	-.328	1.029	.113	.030	-.299	1.667	.145
			.180												
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.32	-.310	1.734	.294	-4.33	-.307	1.699	.208	-4.34	-.250	1.191	.195	-4.37	-.252	1.101	.192
-3.23	-.218	1.219	.207	-3.24	-.215	1.229	.204	-3.24	-.175	.837	.193	-3.25	-.155	.598	.191
-2.14	-.139	.779	.206	-2.15	-.137	.767	.204	-2.14	-.105	.505	.190	-2.15	-.093	.336	.188
-1.06	-.059	.328	.205	-1.06	-.058	.337	.199	-1.05	-.040	.205	.186	-1.05	-.020	.136	.184
.02	.029	-.269	.203	.02	.020	-.103	.198	.04	.023	-.384	.186	.113	.080	-.054	.184
1.20	.200	-1.149	.202	1.11	.107	-.964	.198	.223	.159	-.696	.189	2.24	.152	-.594	.187
2.20	.200	-1.180	.202	2.20	.184	-1.001	.199	3.32	.231	-1.035	.195	3.35	.238	-1.025	.193
3.29	.280	-1.587	.209	3.30	.289	-1.498	.211	4.43	.313	-1.441	.200	4.48	.339	-1.566	.217
4.38	.368	-2.076	.211	4.39	.358	-1.981	.231	6.47	.514	-2.537	.220	6.74	.548	-2.881	.249
5.37	.563	-3.200	.236	5.41	.559	-3.140	.234	6.47	.514	-2.537	.220	6.74	.548	-2.881	.249
.03	.034	-.228	.202	.033	-.307	1.700	.209	.04	-.025	1.174	.195	.036	-.244	1.053	.193
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 9.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
9.00	.708	-3.390	.211	9.79	.706	-3.341	.178	8.66	.740	-3.423	.142	8.50	.747	-3.432	.109
7.87	.584	-2.756	.210	7.48	.582	-2.716	.178	7.54	.603	-2.721	.143	7.41	.609	-2.741	.109
6.76	.460	-2.124	.209	6.58	.460	-2.225	.180	6.44	.490	-2.161	.142	6.32	.498	-2.218	.110
5.66	.337	-1.493	.203	5.49	.339	-1.491	.180	5.36	.407	-1.480	.133	5.25	.398	-1.762	.109
4.56	.211	-1.073	.203	4.41	.328	-1.006	.175	4.29	.352	-1.228	.130	4.19	.305	-1.331	.108
3.46	.091	-.553	.198	3.33	.256	-1.303	.166	3.25	.282	-1.228	.130	3.12	.217	-1.920	.106
2.36	.151	-.073	.195	2.25	.138	-.750	.165	2.15	.161	-.765	.128	2.06	.135	-.546	.106
1.26	.087	-.349	.194	1.18	.086	-.426	.165	1.58	.113	-.516	.126	1.51	.095	-.222	.102
.16	.087	-.349	.194	.14	.086	-.426	.165	.105	.072	-.330	.129	.044	.027	-.103	.102
.77	.031	-.048	.192	.04	.002	-.001	.165	.51	.035	-.155	.129	.006	-.004	.019	.101
.28	.011	.020	.197	.46	-.030	.133	.165	-.01	-.001	.007	.129	-.40	-.036	.137	.101
.83	-.034	.098	.197	.90	-.044	.322	.165	-.55	-.078	.334	.130	-.113	-.067	.251	.101
-1.37	-.072	.260	.197	-1.06	-.081	.649	.166	-1.41	-.118	.548	.129	-1.13	-.105	.415	.101
-1.91	-.115	.476	.198	-1.26	-.165	.899	.166	-2.15	-.167	.813	.129	-2.17	-.165	.875	.102
-3.02	-.205	.932	.198	-1.36	-.165	.899	.166	-3.24	-.256	1.258	.127	-3.25	-.256	1.258	.102
-4.10	-.295	1.426	.199	-4.25	-.321	1.599	.167	-4.28	-.333	1.583	.127	-4.30	-.369	1.374	.103

Table 53. Aerodynamic Coefficients for Configuration BLT14X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.23	-.391	1.795	.788	-4.26	-.296	1.622	.684	-4.30	-.375	2.453	.119	-4.39	-.321	1.981	.181
-2.15	-.165	1.000	.293	-3.15	-.293	1.115	.040	-3.21	-.271	1.776	.114	-3.22	-.267	1.754	.294
-2.10	-.165	.890	.131	-2.12	-.293	.840	.079	-2.14	-.291	1.776	.114	-2.13	-.159	1.090	.173
-1.04	-.068	.640	.127	-1.02	-.293	.540	.079	-1.04	-.291	1.776	.114	-1.04	-.077	.541	.176
.02	.010	.000	.123	.02	.014	-.032	.080	.02	.004	.029	.111	.02	.014	-.029	.176
1.07	.089	-.441	.193	1.09	.080	-.040	.001	1.10	.104	-.601	.112	1.10	.100	-.552	.177
2.14	.186	-.905	.139	2.16	.155	-.762	.001	2.18	.207	-1.280	.119	2.18	.182	-1.044	.182
3.26	.292	-1.406	.100	3.23	.225	-1.115	.004	3.26	.302	-1.682	.128	3.27	.278	-1.613	.189
4.26	.316	-1.841	.100	4.30	.312	-1.632	.092	4.34	.400	-2.446	.137	4.35	.383	-2.114	.176
5.26	.316	-1.841	.100	5.26	.312	-1.632	.092	5.26	.312	-1.632	.092	5.26	.312	-1.632	.092
.02	.010	.000	.127	.02	.017	-.015	.079	.02	.017	-.015	.112	.02	.009	.003	.178
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.33	-.348	2.122	.293	-4.33	-.333	2.021	.213	-4.32	-.295	1.657	.203	-4.34	-.268	1.186	.197
-3.25	-.270	1.674	.225	-3.20	-.293	1.245	.203	-3.21	-.284	1.791	.193	-3.22	-.268	1.186	.197
-2.17	-.189	1.266	.224	-2.15	-.166	1.095	.203	-2.14	-.164	.981	.190	-2.13	-.132	.790	.190
-1.07	-.084	.963	.320	-1.07	-.091	.652	.203	-1.04	-.051	.482	.191	-1.03	-.031	.390	.192
.01	.009	.122	.284	.03	.009	.055	.203	.05	.018	.027	.191	.04	.024	-.016	.192
1.09	.072	-.316	.255	1.12	.092	-.495	.203	1.14	.080	-.324	.194	1.15	.082	-.240	.194
2.16	.195	-.762	.189	2.21	.181	-.942	.203	2.24	.244	-1.070	.204	2.25	.185	-.571	.198
3.26	.292	-1.262	.152	3.29	.289	-1.487	.203	3.34	.338	-1.916	.209	3.37	.284	-1.027	.200
4.34	.318	-1.721	.238	4.39	.349	-2.115	.203	4.44	.433	-2.916	.219	4.49	.337	-1.527	.200
5.36	.342	-2.099	.207	5.40	.355	-3.141	.203	5.46	.432	-2.903	.219	5.54	.354	-2.772	.200
6.36	.342	-2.099	.207	6.36	.342	-2.099	.207	6.36	.342	-2.099	.207	6.36	.342	-2.099	.207
.02	.010	.000	.127	.02	.017	-.015	.079	.02	.017	-.015	.112	.02	.009	.003	.178
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.98	.093	-3.343	.225	8.91	.707	-3.414	.190	8.72	.754	-3.634	.144	8.52	.790	-3.882	.107
7.87	.370	-2.680	.223	7.68	.577	-2.721	.190	7.43	.604	-2.787	.147	7.44	.643	-3.093	.107
6.76	.641	-2.104	.215	6.58	.471	-2.186	.188	6.53	.466	-2.182	.145	6.35	.504	-2.333	.104
5.66	.370	-1.684	.209	5.49	.364	-1.766	.184	5.45	.397	-1.806	.142	5.28	.410	-1.923	.104
4.58	.292	-1.293	.205	4.41	.312	-1.404	.179	4.38	.330	-1.586	.140	4.21	.330	-1.606	.105
3.49	.211	-.896	.202	3.33	.240	-1.106	.173	3.31	.231	-1.271	.137	3.15	.261	-1.165	.105
2.41	.129	-.473	.200	2.25	.167	-.856	.169	2.24	.153	-.781	.132	2.09	.151	-.705	.104
1.32	.046	-.130	.200	1.15	.080	-.589	.167	1.14	.066	-.430	.131	1.03	.064	-.263	.104
.75	.029	-.051	.202	.62	.036	-.364	.164	.62	.046	-.230	.130	.68	.029	-.106	.103
.23	.008	.013	.201	.45	.025	.101	.164	.42	.005	-.023	.130	.46	.003	.013	.102
-.29	-.010	.013	.201	-.45	-.025	.101	.164	-.44	-.032	.162	.130	-.45	-.037	.144	.101
-.93	-.034	.076	.202	-.99	-.048	.328	.170	-.97	-.071	.351	.130	-.10	-.067	.271	.101
-1.36	-.064	.196	.203	-1.53	-.113	.572	.172	-1.56	-.144	.607	.130	-1.62	-.114	.516	.103
-1.89	-.102	.360	.203	-2.06	-.155	.792	.176	-2.06	-.193	.944	.133	-2.16	-.156	.734	.103
-2.41	-.141	.511	.203	-2.61	-.193	.944	.177	-2.61	-.245	1.248	.133	-2.81	-.201	1.267	.104
-.03	-.185	1.207	.202	-.423	-.351	1.485	.177	-.416	-.322	1.582	.133	-.427	-.329	1.590	.103

Table 54. Aerodynamic Coefficients for Configuration BLT14X5

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 4.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.32	-2.86	1.686	.206	-4.24	-2.56	1.377	.101	-4.27	-3.32	2.106	.146	-4.28	-3.06	1.862	.217
-2.16	-1.37	1.428	.205	-3.17	-1.81	.974	.090	-3.19	-2.37	1.529	.270	-3.21	-2.19	1.376	.211
-2.10	-1.37	1.428	.205	-2.11	-1.28	.776	.093	-2.12	-1.68	.972	.123	-2.12	-1.36	.843	.201
.02	-0.16	-0.62	.128	-1.02	-0.15	-0.28	.048	-1.05	-0.70	.493	.117	-1.05	-0.62	.843	.195
1.08	-0.92	-0.77	.132	.02	.015	-0.28	.096	.02	.011	-.001	.121	.03	.015	-.028	.196
2.16	-1.65	-0.97	.140	1.10	-0.99	-.520	.094	1.10	-0.97	-.520	.124	1.10	-0.91	-.461	.202
3.20	-2.66	-1.556	.153	2.16	-1.74	-.937	.107	2.17	-1.73	-.972	.141	2.18	-1.71	-.921	.215
4.26	-3.26	-1.807	.157	3.23	-2.56	-1.435	.118	3.23	-2.56	-1.435	.140	3.26	-2.56	-1.427	.233
5.26	-4.93	-2.780	.167	4.30	-3.59	-1.817	.126	4.32	-3.64	-2.164	.134	4.35	-3.67	-2.167	.248
-1.04	-0.59	.361	.130	5.45	-4.90	-2.696	.132	6.49	-5.81	-3.568	.175	7.52	-6.47	-3.567	.253
				-4.24	-2.64	1.443	.106	.03	.019	-.051	.118	-3.20	-.216	1.314	.206
															.278
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.30	-3.13	1.657	.244	-4.31	-3.16	1.939	.254	-4.33	-2.57	1.322	.224	-4.36	-.236	1.003	.217
-3.21	-2.20	1.265	.235	-3.22	-2.33	1.424	.217	-3.23	-1.80	.928	.214	-3.25	-.153	.571	.213
-2.16	-1.63	.865	.225	-2.16	-1.55	.989	.206	-2.17	-1.25	.611	.202	-2.15	-.090	.311	.211
-1.06	-0.75	.506	.223	-1.06	-0.82	.595	.205	-1.05	-.058	.411	.201	-1.06	-.048	.260	.205
.02	-0.02	.100	.222	.02	-.006	.164	.203	.03	-.003	.191	.201	.03	-.003	.175	.204
1.02	-0.87	.237	.223	1.10	-0.66	-.228	.205	1.12	-.057	-.074	.205	1.12	-.033	.175	.204
2.07	-1.65	-.537	.230	2.16	-1.44	-.668	.218	2.21	-.115	-.300	.216	2.22	-.092	-.029	.210
3.27	-2.61	-1.211	.240	3.27	-2.29	-1.162	.233	3.31	-.190	-.683	.229	3.33	-.180	-.466	.214
4.34	-3.30	-1.754	.263	4.36	-3.41	-1.154	.257	4.41	-.276	-1.151	.235	4.45	-.273	-1.008	.221
5.32	-5.30	-3.111	.275	5.36	-4.56	-2.154	.284	5.44	-.446	-2.490	.250	5.49	-.497	-2.322	.246
-1.02	-.001	.076	.215	-2.18	-.164	-.685	.218	-2.21	-.249	-.415	.190	-2.23	-.501	-2.363	.250
-2.16	-.168	.893	.225	-2.14	-.154	-.977	.208	.04	-.003	.145	.190	-4.35	-.236	1.009	.222
															.284
M = 1.75 Q = 6.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
9.31	7.01	3.321	.246	8.82	7.01	3.418	.200	8.68	.770	3.849	.132	8.50	.814	4.160	.097
8.21	5.99	2.951	.246	7.40	5.91	2.486	.194	7.58	.614	2.927	.132	7.42	.665	3.340	.097
7.09	4.94	1.815	.242	6.51	4.51	1.486	.157	6.42	.480	2.166	.134	6.33	.529	2.576	.097
5.99	3.94	1.273	.235	5.43	3.78	1.163	.137	5.42	.336	1.486	.133	5.28	.423	2.045	.095
4.91	2.99	.836	.227	4.35	2.69	.860	.201	4.35	.336	1.175	.120	4.28	.321	1.635	.092
3.82	1.81	-.450	.218	3.35	2.07	-.060	.179	3.27	.252	-.127	.129	3.12	.241	-.171	.217
2.76	1.01	-.049	.214	2.27	1.40	-.579	.172	2.21	.173	-.911	.116	2.08	.160	-.610	.087
1.76	.068	-.903	.211	1.72	.104	-.428	.167	1.65	.129	-.685	.115	1.52	.115	-.588	.085
1.69	.084	-.903	.211	1.18	.071	-.289	.167	1.12	.087	-.463	.114	.98	.075	-.399	.083
1.10	-.117	-.194	.212	.48	-.008	-.049	.148	.58	.046	-.244	.113	.44	-.033	-.169	.082
.57	.011	-.090	.215	-.63	-.024	.092	.137	.09	-.005	-.028	.113	.06	-.005	-.032	.215
-.09	-.009	-.074	.217	-.97	-.064	.297	.168	-.09	-.005	-.028	.113	-.06	-.005	-.032	.215
-1.02	-.035	-.300	.217	-1.49	-.091	.368	.165	-1.02	-.079	.421	.113	-.06	-.005	-.032	.215
-1.95	-.068	-.134	.218	-2.02	-.122	.493	.167	-1.54	-.121	.653	.111	-1.44	-.123	.622	.081
-2.95	-.163	.519	.216	-3.10	-.193	.809	.174	-2.06	-.162	.854	.111	-2.17	-.166	.841	.082
-3.93	-.288	.917	.217	-4.17	-.282	1.097	.190	-3.13	-.260	1.269	.113	-3.23	-.257	1.302	.083
								-4.20	-.315	1.514	.115	-4.31	-.337	1.672	.085

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